

Yavapai
COLLEGE

Be More

Yavapai Banner Ethos

2026-2027 Catalog

2026-2027 Catalog	1
Welcome from the President	4
About YC	4
District Governing Board	4
College Administration	5
Yavapai College Foundation	5
Campus and Center Locations	6
Affiliation and Accreditation	6
Equal Opportunity Statement	7
Emeriti Directory	8
Glossary of Terms	10
Archives	13
Yavapai College offers seven associate degree programs and six bachelor degree programs:	14
Associate Degree and Certificate Requirements	14
Requirements for Bachelor of Applied Science, Bachelor of Design in Visual Design or Bachelor of Science Degrees	15
Location of Degree Programs	15
Graduation with Honors	15
Multiple Degrees	16
Continuous Enrollment	16
Programs Requiring Selective Admission	16
General Education	17
Degrees & Certificates by Program Type	20
Academic Calendar	22
Academic Information	23
Academic Honors List	23
Articulation Agreements	23
Assessment of Student Academic Achievement	23
Educational Partnerships	23
Leighnor Aircraft, LLC	23
Internships and Experiential Learning	24
Methods of Instruction and Meeting Types	24
Prior Learning Assessment & Credit for Exams	26
State Authorization	32
SUN (Shared Unique Number) System	33
Admission	33
Residency Determination	33
Western Undergraduate Exchange Program Reduced Tuition	35
International Students	35
Incoming Transfer Students	35
Registering for Classes	35
Auditing a Course	35
Student Holds	35
Changes in Registration (Add, Drop & Withdraw)	36
Grades and Credits	36
Repeating a Course	37
Directory Information	37
Student Records Disclosure	38
Transcripts	39
Academic Integrity	39
Academic Load	40
Academic Renewal	40
Academic Requirements	40
Acceptable Use	41
Attendance Policy	41
Code of Conduct	41
College Photo and Videotape Policy	41
Drug Free Schools and Campuses	41
Harassment	41
Skills Assessment, Advisement and Placement Policy	41
Standards of Academic Progress	42
Student E-Mail Accounts	42
Academic Complaints	43
Non-Academic Complaints	43
Student Success: A Shared Responsibility	43

Title IX Policy Statement	44
Tobacco Use Policy	44
Visitors and Guests in Class	44
Academic Success, Advising, Social Services and Wellness Support	44
Adult Basic Education	45
Bookstore Purchases	45
College Honors Program	45
College Police	45
Disability Resources	46
Discover Yavapai Information Session	46
Financial Aid	46
Food Services for Residence Hall Students	48
Housing	48
Library Services	48
Mail Center	49
Osher Lifelong Learning Institute (OLLI)	49
Payment Plan	49
Regional Economic Development Center (REDC)	49
Small Business Development Center (SBDC)	49
Student Employment Services	50
Student Engagement and Leadership	50
Student OneCard	50
Student Printing at Yavapai College	50
TRIO Programs	50
Veterans Education and Transition Services (VET Services)	50
Workforce Training	51
Yavapai College Scholarship Opportunities	51
All Programs	52
All Courses	148

Welcome from the President



It is my distinct honor to welcome you to Yavapai College! YC is a student-focused college that seeks to engage you in a quality learning experience.

Whether you are attending college for the first time, returning to college, preparing to enter the job market, transferring to a four-year college, upgrading workforce skills or just taking a course for pleasure, YC is here to help you successfully complete your goals.

Our nationally recognized education and training programs are offered at convenient times, in-person and online. With seven campus locations across Yavapai County, opportunity is within your reach.

You may know that Yavapai College became the first rural community college in Arizona to offer baccalaureate degrees along with our short-term credentials, certificates and associate degree programs. You now can achieve your bachelor's degree at significantly reduced costs and stay close to home. You can even enroll in one of the fully online optimized three-year bachelor's degrees. It is our hope that you will receive your degree and stay in our wonderful community working and living in support of our local economy.

In making the decision to attend Yavapai College, you are on the right track to creating a better life. Here, you will find great opportunities for learning, growth and development in a welcoming, inclusive, purposeful community. What may not be apparent from the catalog is the most distinctive characteristic of YC: A community of supportive, dedicated faculty, staff and administrators who care about your education, share your aspirations and want nothing more than to see you succeed.

We've adopted a slogan that is really an aspirational statement: "All In". We want you to leave Yavapai College better off than when you came to us. You can be 'all in' and we would be honored to help you achieve your dreams and become part of your personal story.

Again, welcome to Yavapai College.

Lisa B. Rhine, PhD.
President, Yavapai College

About YC

About YC

Mission, Vision, Values, and Strategic Goals

Mission Statement

Yavapai College transforms lives and strengthens the local economy through education.

Vision Statement

Yavapai College ensures our community is a premier place to learn, work, and live.

Values

- **Excellence** We foster positive relationships and accountability, anticipate and address stakeholders' needs, and create a supportive learning environment.
- **Innovation** We encourage creativity, critical thinking, and the pursuit of new ideas and solutions.
- **Continuous Learning** We promote continuous learning and intellectual curiosity through formal education and beyond.
- **Belonging** We treat others with dignity and consideration, fostering a supportive and collegial environment.

Strategic Goals & Initiatives

1. **Belonging** Affirms the importance of meeting students' basic needs as a foundation for academic success and community connection. By ensuring students have the support necessary to thrive, the College fosters an inclusive environment where individuals feel welcomed, valued, and supported. This commitment also extends to employees, cultivating a culture in which faculty and staff feel engaged, appreciated, and empowered in their work.
2. **Adult Learners** Focuses on expanding access and opportunity for non-traditional students, particularly those with some college experience but no degree. This goal acknowledges the unique circumstances of adult learners and prioritizes flexible, supportive pathways that enable them to successfully balance education with work and family responsibilities.
3. **Living Wage** Centers on preparing students for meaningful employment that provides economic mobility and long-term stability. In response to a changing workforce shaped by technological advancement and automation, the College is committed to equipping learners with relevant knowledge, skills, and credentials that position them for high-demand, well-compensated careers.
4. **Delivery Goal** Focuses on improving how the College provides high-quality educational programs and services to maximize student success. This goal emphasizes effectiveness, innovation, and continuous improvement in academic offerings and student support systems to ensure learners can achieve their educational and life goals.
5. **Foundational Capability** Focuses on sustaining Yavapai College's financial stability and operational strength to support its mission and strategic priorities. It emphasizes the need for YC to grow core capabilities such as fiscal stewardship, talent management, data integrity, physical security, and a results-oriented culture of continuous improvement.

These core capabilities will create the operational excellence needed to remain relevant and successful in today's fast-paced and highly competitive market.

View details at [Yavapai College Strategic Planning](#).

About YC

District Governing Board

Board Members

- **Mr. Steve Bracety**, Board Chair
- **Mr. Alton "Toby" Payne**, Board Secretary
- **Mr. William Kiel**, Board Member
- **Ms. Deb McCasland**, Board Member

The District Governing Board sets the strategic direction of the College through its board policies, priorities, and executive limitations of the president.

Visit the Yavapai College District Governing Board's home page at www.yc.edu/dgb.

About YC

College Administration

President

Lisa Rhine, Ph.D. College President (2019)

Executive Leadership Team

Douglas Berry, Ph.D. Provost & Vice President of Student Affairs (2023)

Marylou Mercado, Ed.D. Vice President of Workforce Development & Health Sciences (2018)

Jack Smith, M.P.A. Vice President of Community Relations & Legislative Affairs (2023)

Clint Ewell, Ed.D. Chief Operating Officer (2010)

Janet Nix, Ed.D. Chief Human Resources Officer (2023)

Associate Vice Presidents

Diana Dowling, M.Ed. Associate Vice President of Enrollment Management (2011)

Stacey Hilton, M.S. Associate Vice President of Academics & Instructional Support (2000)

Dean Holbrook, M.A. Associate Vice President of Instruction & Early College (2009)

Tania Sheldahl, M.Ed. Associate Vice President of Student Affairs & Dean of Students (1986)

District Deans

Perry Baker, Ph.D. Dean of Math, Sciences, Business, & Technology (2023)

Irina Del Genio, Ph.D. Dean of English, Humanities & Social Sciences & the Verde Valley Campus and Sedona Center (2023)

Jason Ebersole, M.S. Lead Dean of Workforce Development & Health Sciences (2009)

Alexander Lewis, B.A.S. Interim Dean of Career & Technical Education Center (2018)

Jennifer Ritter, D.N.P. Dean of Health Sciences (2012)

Bryan Robertson, M.F.A. Dean of Visual & Performing Arts (2019)

Marnee Zazueta, M.A. Dean of Chino Valley Campus (2006)

About YC

Yavapai College Foundation

Executive Members: FY24/25

- **April Rhodes**, President
- **Tracey McCollum**, Vice President
- **Deanna Tarrant**, Treasurer
- **Dr. Lisa Rhine**, Yavapai College President
- **Nicole Kennedy**, Yavapai College Foundation Chief Development Officer

Ensuring Excellence in Education and Empowering Our Communities: A Legacy of Support at Yavapai College

Since 1971, the Yavapai College Foundation (YCF) has been a cornerstone of excellence in education, enhancing the lives of Yavapai College students, faculty, and the surrounding communities. The Foundation's impact is made possible by the generous support of alumni and other champions in the community who provide critical resources through scholarships, auxiliary organizations, and community projects.

As both Yavapai County and Yavapai College continue to grow and evolve, the need for a strong, financially supported Foundation has never been greater. By supporting Yavapai College, you are directly investing in students who will go on to become invaluable assets to our community. Our students pursue careers in vital fields such as healthcare, public safety, technology and computer science, skilled trades, and more. Your contributions help them gain the education and skills necessary to drive the growth and prosperity of our community.

Here's how you can make a difference:

- **Make a Gift Today:** Every contribution ensures that students and faculty have the resources they need to succeed and thrive.

- **Designate Your Gift:** Direct your donation to a specific priority or project, such as healthcare programs, public safety training, or technology initiatives, that aligns with your values and vision.
- **Include YCF in Your Legacy:** Name the Yavapai College Foundation in your will or planned gift, leaving a lasting impact on generations of students.

Scholarships: Fueling Dreams, Building Futures

Thanks to the generosity of our community, the Yavapai College Foundation administers a range of scholarship funds that help hundreds of students each year. In the 2024-2025 academic year alone, more than \$1 million will be provided in scholarships and program support. This financial assistance ensures that students can pursue careers in fields that are essential to our community's future.

Together, we can continue building a brighter future for Yavapai County, where students graduate ready to take on tomorrow's challenges and contribute to the strength of our community. Join us in supporting education, shaping futures, and empowering our community. Your gift today has the power to create lasting change for generations to come.

Join and donate to YCF @ www.yc.edu/foundation.

About YC

Campus and Center Locations

Prescott Campus 1100 East Sheldon Street Prescott, Arizona 86301 Switchboard: 928.445.7300	Verde Valley Campus 601 Black Hills Drive Clarkdale, Arizona 86324 Reception: 928.634.7501	Prescott Valley Center 3800 North Glassford Hill Road Prescott Valley, Arizona 86314 Switchboard: 928.445.7300
Career & Technical Education Center 220 Ruger Road Prescott, Arizona 86301 Reception: 928.776.2002	Chino Valley Agribusiness & Science Technology Center 2275 Old Home Manor Way P.O. Box 4048 Chino Valley, Arizona 86323 Reception: 928.717.7720	Sedona Center 4215 Arts Village Drive Sedona, Arizona 86336 Reception: 928.649.4265

For callers outside the 928 area code, please call 1.800.922.6787

The following locations are high school locations that offer Yavapai College programs to their students:

Bagdad High School 500 Sultan Way Bagdad, Arizona 86321	Bradshaw Mountain High School 6000 E Long Look Dr. Prescott, Arizona 86314	Camp Verde High School 1323 S Montezuma Castle Highway Camp Verde, Arizona 86322
Chino Valley High School 760 E Center St. Chino Valley, Arizona 86323	Mayer High School 17300 E Mule Deer Dr. Spring Valley, Arizona 86333	Mingus Union High School 1801 E Fir St. Cottonwood, Arizona 86326
Prescott High School 1050 Ruth St. Prescott, Arizona 86301	Tri City Prep High School 5522 Side Rd. Prescott, Arizona 86301	Valley Academy for Career and Technology Education 3405 E. State Route 89A, Building B Cottonwood, Arizona 86326
	West-MEC 1617 W. Williams Dr. Phoenix, Arizona 85027	

The following location for the Prison Education Program that Yavapai College offers:

Arizona State Prison Complex - Yuma 7125 E. Cesar Chavez Blvd. San Luis, Arizona 95349	
---	--

About YC

Affiliation and Accreditation

Yavapai College is accredited by the Higher Learning Commission (HLC)
 230 South LaSalle Street, Suite 7-500, Chicago, Illinois 60604-1411

Phone: 800.621.7440/312.263.0456 | Fax: 312.263.7462

Email: info@hlcommission.org

<http://hlcommission.org>

Program Accreditation

Nursing Program

Yavapai College first received accreditation from the Accreditation Commission for Education in Nursing in 1981.

Accreditation Commission for Education in Nursing (ACEN)
3390 Peachtree Road NE, Suite 1400
Atlanta, Georgia 30326
404.975.5000

Fire Science Program

Yavapai College first received accreditation from the International Fire Service Accreditation Congress in 2001.

International Fire Service Accreditation Congress (IFSAC)

1700 E. Tyler
Oklahoma State university
Stillwater, OK 74078-8075
Phone: 405.744.8303
Fax: 405.744.8802

Radiologic Technology Program

Yavapai College first received accreditation from the Joint Review Committee on Education in Radiologic Technology in 2011.

Joint Review Committee on Education in Radiologic Technology (JRCERT)

20 N. Wacker Drive, Suite 2850
Chicago, IL 60606-3182
312.704.5300
www.jrcert.org

Emergency Medical Technician Program

Yavapai College first received accreditation from the Committee on Accreditation of Educational Programs for Emergency Medical Services Professions in 2012.

CAAHEP - Commission on Accreditation of Allied Health Education Programs

1361 Park Street
Clearwater, FL 33756
Phone: 727.210.2350
Fax: 727.210.2354
www.caahep.org

CoAEMSP - Committee on Accreditation of Educational Programs for Emergency Medical Services Professions

8301 Lakeview Parkway
Suite 111-312
Rowlett, TX 75088
Phone: 214.703.8445
Fax: 214.703.8992
<http://coaemsp.org>

Automotive Program

Yavapai College received accreditation Automotive Service Excellence Education Foundation (ASE) in 2021.

ASE Automotive Service Excellence

1503 Edwards Ferry Rd., NE
Leesburg, VA 20176
703.669.6650
info@aseeducationfoundation.org

RN-BSN Program

The RN-BSN program received initial accreditation from the Accreditation Commission for Education in Nursing effective November 16, 2023.

Accreditation Commission for Education in Nursing (ACEN)

3390 Peachtree Road NE, Suite 1400
Atlanta, GA 30326
404.975.5000
<http://www.acenursing.org>

Note: Upon granting of initial accreditation by the ACEN Board of Commissioners, the effective date of initial accreditation is the date on which the nursing program was approved by the ACEN as a candidate program that concluded in the Board of Commissioners granting initial accreditation.

About YC

Equal Opportunity Statement

Yavapai College does not discriminate in admission or access to, or treatment of, or employment in, its services, programs, or activities on the basis of race, color, religion, sex, national origin, age (40 or older), veteran status, disability or genetic information or any other legally protected status in compliance with the laws of the United States and the State of Arizona. Additionally, Yavapai College does not discriminate in admission practices regarding foster youth, those with English Language Limitations (ELL), single parents, or

economically disadvantaged applicants. Inquiries regarding the College's equal opportunity employment practices should be directed to the Yavapai College Human Resources Office at (928) 776-2344 or janet.nix@yc.edu. Student inquiries regarding the educational programs and activities of the College should be directed to the Yavapai College Community Standards & Title IX Office at (928)776-2211 or monica.belknap@yc.edu.

Notice of Nondiscrimination

Yavapai College prohibits sex discrimination in any education program or activity that it operates. Individuals may report concerns or questions to the Title IX Coordinator. The notice of nondiscrimination and information about reporting can be found at www.yc.edu/T9

Emeriti Directory

Faculty Emeriti

AINSA, SERGE, <i>Modern Languages</i> (1974-2007)
BARKHURST, RODNEY, <i>Chemistry</i> (1981-2000)
BARTELS, DIETER, <i>Social Sciences/Humanities</i> (1978-2011)
BENNETT, JAMIE, <i>Geography</i> (1992-2007)
BLISS, SELINA, <i>Nursing</i> (1994-2021)
BOYD, BETH, <i>Geology</i> (2009-2021)
BREILING, ROY, <i>Music</i> (1995-2014)
CATON, GERALD, <i>Accounting & Computer Science</i> (1988-2010)
CHANDA, VIRGINIA "GINNY", <i>English</i> (1979-2006)
DeCECCO, CYNTHIA, <i>Art</i> (2000-2018)
DICKEY, ARCHIE, <i>Biology</i> (1974-1998)
DWAN, DIANA, <i>Math</i> (1987-2015)
ELLIS, CARLEEN, <i>Nursing</i> (1976-1991)
EWING, PAUL, <i>History/Philosophy</i> (1989-2017)
FISHER, WILLARD, <i>Music</i> (1964-2011)
FUEMMELE, GENNIE, <i>Teacher Education/Reading</i> (1996-2010)
GLIDDEN, MOSES, <i>English</i> (1993-2011)
GOLDEN, BARRY, <i>Biology/Chemistry</i> (1984 -2003)
GORMAN, DAVID, <i>Mathematics</i> (2000-2021)
GOVEDICH, STEPHEN, <i>Psychology/Sociology</i> (1981-2003)
HAMILTON, JERI, <i>Mathematics</i> (2003-2021)
HAMMOND, CAROL, <i>English</i> (1987-2010)
HINTON, JAMES, <i>Administration of Justice, Political Science, Sociology</i> (1974-2009)
HOCHSTETTLER, DAVID, <i>Humanities/Honors</i> (1972-1993)
KELLY, VINCE, <i>Art</i> (1971-1999)
LANG, SUSAN, <i>English</i> (1983-2003)
LAWHEAD, LeANNE, <i>Early Childhood Education</i> (2007-2020)
LONGFIELD, RICHARD, <i>Music</i> (1972-1993)
MARCUSEN, RICHARD, <i>Art</i> (1971-2000)
MASON, STEPHEN, <i>Art</i> (2001-2019)
MCCREA, LAUREN, <i>Art</i> , (2001-2020)
MERRITT, MARILYNN "LYNN", <i>Health, Physical Education & Recreation</i> (1969-1994)
MILES, JAMES "KIMO", <i>Health, Physical Education & Recreation</i> (1975-2004)
NUGENT, LYNN, <i>Nursing</i> (1979-2003)
O'NEIL, KAREN, <i>Nursing</i> (1982-2003)
PERLMUTTER, NINA, <i>Philosophy</i> (1994-2006)
PETERSON, GLEN, <i>Art</i> (1973-1998)
REISDORFER, KATHRYN, <i>Humanities</i> (1993-2009)
ROBERTS, DEBORAH, <i>Liberal Studies/History</i> (2002-2019)
ROBERTS, W. BRENT, <i>Mathematics</i> (1987-2013)
SCHUMACHER, THOMAS, <i>Art</i> (1984-2020)
SHERRILL, CLIFF, <i>Computer Science</i> (1982-2013)
SIEH, DON, <i>English/Construction</i> (1971-1996)
STEIN, AMY, <i>History</i> (2009-2022)
TRAVER, ROY, <i>Art</i> (2001-2014)
VERBOUT, MARY, <i>English</i> (1991-2016)

Other Emeriti

RUSSO, JOSEPH, <i>College President</i> (1974-1984)

Deceased Emeriti

BAMRICK, MARY ANNE, <i>Business</i> (1969 -1979), <i>Campus Dean</i> (1979-1992), <i>Interim College President</i> (1992-1993)
BRANSON, EDWARD, <i>Art</i> (1969-2000)
BRONANDER, ROY, <i>Biology</i> (1971-1995)
BURNS, JAMES, <i>Music</i> (1969-1983)
FARRAR, ELAINE, <i>Art</i> (1973-1992)
GALDE, DOROTHY ALTA, <i>English</i> (1969-1979)
GRASER, DAVID, <i>Mathematics</i> (1998-2020)
HAYNES, JOHN, <i>English</i> (1969-1995)
HORTON, JAMES, <i>College President</i> (2005-2011)
MIKULEWICZ, ROBERT, <i>Journalism</i> (1969-1981)
MINKLER, LYLE, <i>Physical Science</i> (1969-1996)
PHILLIPS, JEAN, <i>YC Foundation Volunteer</i>
QUINTERO, GEORGE, <i>Registrar</i> (1969-1983)
RAWLINGS, DONN, <i>English</i> (1985-2001)
ROBERTS, RUSS, <i>Business & Computer Science</i> (1982-2013)
SIEGFRIED, KARL, <i>Mathematics</i> (2004-2020)

Glossary of Terms

The following terms are often used at Yavapai College in written materials and in conversations with advisors and faculty. Use this guide to learn more about their meaning.

A

Ability to Benefit - Term used to describe a student's chances of being successful in a college-level course of study. A high school diploma, GED or equivalent can be used to document the ability to benefit from college.

Academic Advisement - Consulting with a college advisor to develop a plan for fulfilling the requirements to reach an educational objective. Participating in the advisement process will minimize the loss of credits for students completing a program of study.

Academic Calendar - The College's Academic Calendar contains key dates important to every student, including holidays and the start and end dates of semesters and parts-of-term.

Academic Honors List - An honor bestowed upon students who demonstrate exemplary performance. To be eligible, a student must complete 12 or more credits in that semester with a grade point average of 3.5 or higher.

Academic Notice - A student is placed on Academic Notice (AP) if, while on Academic Warning, the student earns less than a 2.0 semester GPA in the subsequent semester (based on attempted credits). See [Student Rights & Responsibilities](#) for further detail.

Academic Renewal - Academic Renewal allows a student who experienced academic difficulties during earlier attendance at Yavapai College to have grades for a particular period of time excluded from the calculation of the grade point average. All courses and grades remain on the student's permanent academic record.

Academic Suspension - A student is placed on Academic Suspension (AS) if, while on Academic Notice, the student does not achieve a cumulative GPA of 2.0 or above during the second semester of Academic Notice. See [Student Rights & Responsibilities](#) for further detail.

Academic Warning - A student is placed on Academic Warning (AW) if the student has attempted 12 credits or more and earned a cumulative GPA of less than 2.0. See [Student Rights & Responsibilities](#) for further detail.

Add - This term refers to the period of time when students can add a class to their class schedule for a particular semester.

Administrative Drop (No Show) - an instructor may drop a student from a course for failure to attend or participate.

Admission - Students who complete the online college admission form are immediately admitted to the college and will receive credentials to enable registration for classes.

Advising - The College provides free advising services to all students for help with program planning and course selection.

AGEC (Arizona General Education Curriculum) - A common structure of general education agreed upon by all public colleges and universities in Arizona. The AGECE, a 35-credit general education component of the Associate degrees for transfer, fulfills lower-division general education requirements for students transferring to Arizona's public universities (Arizona State University, Northern Arizona University, and University of Arizona).

Articulation - The acceptance or transfer of coursework through special agreements. Yavapai College articulates transfer of courses into Yavapai College to complete programs and also to Arizona's public universities for transfer students.

Associate Degree - A degree awarded by a community college upon satisfactory completion of an organized program of study. An associate degree requires the completion of a minimum number of credits with a certain combination of courses, including general education and major requirements. For more detailed information, see an advisor or refer to the "[Degrees & Certificates](#)" section of this catalog.

Audit - Students who audit a class attend class meetings but do not receive credit or a grade for the course.

B

Bachelor Degree - A degree awarded by college or university after satisfactory completion of an organized program of study, usually requiring at four years of full-time study.

C

Catalog - The College Catalog is published online annually. The Catalog contains information about the policies and services of Yavapai College, including all degree and certificate programs, course requirements and descriptions, and student resources.

Catalog Year - The year in which a student begins a program of study, and subsequently maintains continuous enrollment. The requirements for the degree or certificate will be those which were in effect the catalog year the student began the program.

CEG (Course Equivalency Guide) - A CEG indicates how courses transfer from one college or university to another. A CEG for students transferring into Yavapai College is available through academic advisors. AZTransfer.com shows how courses will be accepted by AZ public universities.

Class Standing - *Freshman*: First year class standing - students who have between 0 and 29.9 cumulative credits. *Sophomore*: Second year standing - students who have between 30 and 59.9 cumulative credits. *Junior*: Third year class standing - students who have between 60 and 89.9 cumulative credits. *Senior*: Fourth year class standing - students who have between 90 and 120 cumulative credits.

CLEP Test - College Level Examination Program - Credit for prior or extra-institutional learning may be earned through successful scoring on general or subject area CLEP testing. Some disciplines may have additional requirements to demonstrate accomplishment of learning outcomes (e.g. writing samples, laboratory).

Continuous Enrollment - Students maintaining continuous enrollment at any public Arizona community college or university may graduate from Yavapai College according to the requirements of the catalog in effect at the time of initial enrollment or according to the requirements of any single Yavapai College catalog in effect during subsequent terms of continuous enrollment.

Co-requisite - A co-requisite refers to a related course that must be taken at the same time as another related course (e.g., science lecture and science lab).

Core Requirements (Core Courses) - Core courses are the required courses within a degree or certificate and must be completed with a grade of "C" or better.

Course Program of Study (CPOS) - is a federal requirement stating that only courses that count toward a student's program of study can be included when determining Financial Aid eligibility.

Credit Hour (Federal Definition): A credit hour is the amount of work represented in learning outcomes and verified by evidence of student achievement. It is an institutionally-established equivalency that is not less than: (1) one hour of classroom or direct faculty instruction and a minimum of two hours of out-of-class student work each week for approximately fifteen weeks for one semester hour of credit, or the equivalent amount of work over a different amount of time; or (2) at least an equivalent amount of work as required in paragraph one of this definition for other activities as established by an institution, including laboratory work, internships, practicums, studio work, and other academic work leading toward the award of credit hours.

D

Drop - This term refers to the period when students can "drop" a class. Dropped classes do not appear on the student's academic transcript.

E

Educational Plan - An outline of all courses required to complete a specific program.

Elective - Elective courses are courses that are in addition to the core requirements of a program. Students choose electives based on a list specified by their program or in specific approved areas of interest. Electives must have a course number of 100 or higher to count toward graduation. Students should choose electives in consultation with their program advisor.

Expected Family Contribution (EFC) - The sum of the parent and student contributions toward educational costs as determined by the need analysis based on FAFSA data. For 24-25 the results of FAFSA Calculation will now be called the Student Aid Index (SAI)

F

FAFSA - The Free Application for Federal Student Aid (FAFSA) is a required form that must be completed as the first step in applying for many types of financial aid. This application can be found at www.studentaid.gov

Family Contribution - The sum of the parent and student contributions toward educational costs as determined by the need analysis.

Federal Direct Subsidized and Unsubsidized Educational Loans (FDSL) - Federal Loans for parents and students which are both need-based and non-need based. Loans must be repaid with interest. Interest rate is fixed for each academic year on July 1st by the Department of Ed for that Academic year's loans borrowed.

Federal Family Education Loans (FFEL) - Federal Loans for parents and students which are both need-based and non-need based. Loans must be repaid with interest. Interest rate varies. This Federal Program was ended by The Department of ED and no new loans are currently being made in this program.

Federal Work Study (FWS) - Program in which students work part-time to earn a portion of their financial aid award.

Federal Supplemental Educational Opportunity Grant (FSEOG) - One of the Federal Campus Based grant programs available at Yavapai College. Priority is given to PELL grant recipients by law.

Financial Aid Package/Award - An offer of financial aid which combines various forms of aid, typically from one or more sources. Original Financial Aid awards are made based on the assumption a student will attend full-time. Any change in Enrollment Intensity may result in a reduction in aid.

Financial Need - The basis for most financial aid awards. Determined by subtracting the family contribution calculation from an institution's cost of attendance.

Full-Time Student - Students are considered full time if they are registered for twelve or more credit hours in a semester. (This definition may not apply to veteran's benefits. Check with the Veteran's benefits department for details.)

G

General Education - A plan of course work generally covering the areas of natural sciences, mathematics, communication skills, humanities, and critical thinking required to complete a degree.

Good Standing - To stay in good academic standing with the institution, a student must maintain a GPA of 2.0 or better and earn credit in at least one-half the credits for which registered. Financial Aid recipients must complete 66.67% of the credits attempted to remain in good standing for State and Federal Financial Aid programs.

GPA/Grade point average - The average grade earned by a student, figured by dividing the total grade points earned by the total credits completed.

Grade Points - The product of multiplying the value of a letter grade (A=4, B=3, C=2, D=1, F=0) by the credit value of a class. These points are used in computing a student's GPA.

Graduate Degree - An advanced degree (Master or Doctorate) which is undertaken after completion of a Bachelor degree.

H

Hold - Students who owe money, fail to return materials, or in other situations, may have a hold placed on their record. This hold must be resolved before a student is permitted to register for further classes. Students should log in myYC if a hold is placed on their account for information on who to contact to clear their student account.

I

Incomplete Grade - A grade of "I" (Incomplete) may be assigned by an instructor when a student has been unable to complete academic work for a class by the end of the term due to an unforeseeable emergency and for justifiable reasons. To qualify, a student must have completed a significant majority of the work required for the class while maintaining a "C" average for work submitted and who is capable of completing the remainder of the required work for the course within the allotted time.

Independent Study - Independent Study allows opportunities for academic learning beyond what the College provides in the normal curriculum. This may involve creating a course in a field where Yavapai has no courses at all, or it may involve creating courses more advanced or specialized than existing courses. Independent Study is an opportunity to award College credit for new academic learning rather than prior learning, cooperative job placement, work study or internships. Independent Study is not for non-college credit activities or for developmental studies.

Internship - Internships involve structured field experiences within specific academic disciplines or technical areas. These experiences enable students to explore potential careers and apply knowledge gained in the classroom while refining the technical skills and gaining relevant experience in the workplace.

L

Leveraging Educational Assistance Partnership Grant (AZLEAP) - A type of grant available to students who are residents of Arizona with exceptional need. Awards are given on a first come-first-served basis.

Lower Division - Coursework normally taken in the first two years of college, at the freshman and sophomore levels. Courses numbered 100-299 at Yavapai College are lower division. 100 and 200-Level Courses are at a beginning or intermediate level of difficulty.

M

Matriculation - The completion of steps necessary for reaching an educational objective, including application, assessment, enrollment in classes, academic progress, and graduation or transfer.

N

Need Analysis - The process of determining a student's eligibility for financial aid. The analysis involves establishing student expense (Cost of Attendance) budgets, determining the Student Aid Index (SAI), and calculating a student's Financial Aid eligibility.

O

Orientation - A workshop designed to introduce new students to campus life and to other resources to promote student success.

P

Part-time Student - A part-time student is a student registered for less than twelve credit hours in a semester.

Pell Grant - The primary federal grant program. These awards do not have to be repaid as long as the student makes satisfactory academic progress.

Prerequisite - A prerequisite is a required course, level of learning, or assessment score required prior to enrollment in a specific class. Prerequisites are listed in the college catalog with the course description. A prerequisite waiver may be approved by an academic advisor if there is documentation/evidence that the student completed the pre-req; an instructional dean may approve a prerequisite in some cases when student has documentation of comparable preparation.

R

Registration - Registration is the process of selecting classes, processing selections online, and paying tuition and fees.

S

Schedule of Classes - Yavapai College publishes an online listing of classes offered during the fall, spring, and summer semesters. The schedule of classes contains all information needed to register for a class, including time, date, location, instructor, costs, and any enrollment restrictions.

Semester - A length of time that a school term lasts. Yavapai College has a 16-week semester (15 weeks of instruction).

Special Circumstances - a process by which a student can provide additional documentation to the Financial Aid office to facilitate a Professional Judgement file review due to extenuating circumstances such as loss of job or income, additional medical bills, etc.

Student Aid Index (SAI) - Results from a student/family completing a FAFSA. Beginning in 2024-25 the SAI replaced the EFC (Expected Family Contribution) in determining PELL Grant and calculating other financial aid eligibility

T

TBA (To Be Arranged) - TBA is a term used in the Schedule of Classes to indicate that more information is forthcoming about the course. Example: If TBA shows in the instructor column of the schedule, the course had not yet been assigned to a particular instructor.

Transcript - The permanent record of all classes taken while enrolled at a college or university. An official transcript is issued by the College Registrar and contains a master list of the courses a student has taken, the grades earned, and the cumulative grade point average. Yavapai College official transcripts can be requested at www.yc.edu/transcripts or from the Office of the Registrar. Students can view their unofficial transcripts online via myYC.

Transfer - The process of moving from one college to another prior to completion of educational objective.

Transfer Guide - Transfer Guides list the courses that transfer into and fulfill degree requirements at Yavapai College; and also how credits fulfill degree programs at ASU, NAU and the UA.

U

Units - Also referred to as credit hours.

Upper Division - Course work normally taken in the third and fourth years of college, at the junior and senior levels. Courses numbered 300-499 are upper division. 300-Level & 400-Level Courses are at an advanced undergraduate level of difficulty and are generally taken by majors, minors, and other students with a well-defined interest and demonstrated ability in a particular subject area.

V

Verification - A process by which the Financial Aid Office reviews additional documentation provided by a student and/or their family (as required by the Department of ED) to solve any conflicting information in a financial aid application.

W

Withdraw - A student's removal from registration for a class within a specified time period. A withdraw is recorded on the student's permanent transcript. Refer to "Dates and Deadlines" at www.yc.edu for semester-specific withdraw deadlines.

Archives

Archived Academic Catalogs

Yavapai College maintains an archival record of academic catalogs. Archived academic catalogs are provided for accreditation organizations, agencies, and college offices for data collection, evaluation purposes and referencing.

For catalogs prior to the 2006-2007 academic year, please contact the Yavapai College Library or visit <https://www.yc.edu/v6/library/archives/> for more information.

The information and links presented in these archives may no longer be accurate. ***For current catalog information, please visit the current academic catalog.*** Academic advisors, faculty and students should refer to the current version of the academic catalog.

<ul style="list-style-type: none"> • 2006-2007 Catalog • 2007-2008 Catalog • 2008-2009 Catalog • 2009-2010 Catalog • 2010-2011 Catalog • 2011-2012 Catalog • 2012-2013 Catalog • 2013-2014 Catalog • 2014-2015 Catalog 	<ul style="list-style-type: none"> • 2015-2016 Catalog • 2016-2017 Catalog • 2017-2018 Catalog • 2018-2019 Catalog • 2019-2020 Catalog • 2020-2021 Catalog • 2021-2022 Catalog • 2022-2023 Catalog • 2023-2024 Catalog • 2025-2026-Catalog
---	--

Instructional Faculty Archives

This section provides an archival record of Yavapai College's instructional faculty. Archived lists of instructional faculty are provided for accreditation organizations, agencies, and university offices for data collection, evaluation purposes, and referencing.

The information presented in these archives may no longer be accurate. For current and complete listing of all faculty and staff at Yavapai College, please utilize the [directory](#).

Acrobat Reader: Adobe provides a free download of Acrobat Reader at get.adobe.com/reader/otherversions/. When you arrive at the Adobe download site, you can choose to download a version that matches your operating system.

- [2016-17 Faculty List](#)
- [2017-18 Faculty List](#)
- [2018-19 Faculty List](#)
- [2019-20 Faculty List](#)
- [2020-21 Faculty List](#)
- [2021-22 Faculty List](#)
- [2022-23 Faculty List](#)
- [2023-24 Faculty List](#)
- [2024-25 Faculty List](#)
- [2025-26 Faculty List](#)

Yavapai College offers seven associate degree programs and six bachelor degree programs:

- Associate of Arts
- Associate of Arts in Elementary Education
- Associate of Arts in Fine Arts
- Associate of Business
- Associate of General Studies
- Associate of Science
- Associate of Applied Science
- Bachelor of Applied Science in Business
- Bachelor of Applied Science in Public Administration
- Bachelor of Design in Visual Design
- Bachelor of Science in Business
- Bachelor of Science in Computer Science
- Bachelor of Science in Nursing

Earning a Degree or Certificate

Associate Degree and Certificate Requirements

To obtain an associate degree or certificate from Yavapai College, a candidate must:

1. Satisfy any program-specific admission requirements.
2. Earn a cumulative grade-point average of 2.00 or better in all work completed at Yavapai College.
3. Successfully complete all courses required in one of the degree or certificate programs offered by Yavapai College.
 - Program requirements may change between the time of the student's admission and the time of graduation.
 - A student in continuous enrollment at Yavapai College may elect to graduate by satisfying program requirements as listed at the time of admission, at the time of graduation, or at any time during the last period of continuous attendance. Continuous attendance means enrollment in the regular session (fall/spring or spring/fall) of each academic year.

- If a course required for a degree or certificate has been deleted from the catalog, a comparable course will be substituted for the deleted course. Other substitutions are generally not permitted. However, a student who believes circumstances warrant special consideration may petition to the supervising dean.
4. Earn a grade of "C" or higher in a course for it to apply toward a Yavapai College degree or certificate, or for inclusion in Arizona General Education Curriculum.
 - A maximum of 12 credit hours of "S" grades from 100- & 200- level courses may be applied toward a Yavapai College lower division degree/certificate program.
 - On an exception basis, "S" grades may be allowed in the AGEC for transfer credit, if documentation by the community college indicates that the "S" grade issued was the only option for the student and the "S" is "C or better." (For Spring 2020 only, students who chose an "S" grade in an AGEC course in response to the COVID-19 emergency may use this grade to complete their AGEC requirements at Arizona universities.)
 - A maximum of 12 credit hours of Independent Study courses may be applied toward any Yavapai College degree program.
 - Special interest and developmental education courses (courses numbered below 100) will not be applied toward degrees and certificates.
 - Students may fulfill degree requirements after leaving Yavapai College by transferring back applicable credits earned at regionally accredited institutions of higher education. Students must adhere to the catalog requirements of their program of study during their last continuous enrollment or current catalog year requirements at Yavapai College. Students must meet the credits in residence requirement.
 5. Complete a minimum of 15 semester hours in residence for an associate degree program.
If a certificate program requires 12-29 semester hours, a minimum of half the total hours must be completed in residence. If a certificate program requires 11 or fewer credits, all of the credit hours must be completed in residence.
 6. Prior Learning Assessment: maximum of 30 credit hours will be accepted toward an Associate degree.
If a Certificate program requires 12-29 semester hours, a maximum of half the total hours will be accepted from Prior Learning.
If a Certificate program requires 11 or fewer credits, all of the credit hours must be completed in residence.
 7. Remove any indebtedness to the College.

Earning a Degree or Certificate

Requirements for Bachelor of Applied Science, Bachelor of Design in Visual Design or Bachelor of Science Degrees

Note: Transfer students who have completed an AGEC or Associate degree in Arizona will have the General Education requirements met as a block transfer. Students who have completed an Associate degree from outside Arizona may also be eligible for this block transfer opportunity.

To obtain a Bachelor of Applied Science, Bachelor of Design Visual Design or Bachelor of Science degree from Yavapai College, a candidate must:

1. Satisfy any program-specific admission requirements.
2. Earn a cumulative grade-point average of 2.00 or better in all work completed at Yavapai College.
3. Successfully complete all courses required in one of the degree or certificate programs offered by Yavapai College.
 - Program requirements may change between the time of the student's admission and the time of graduation.
 - A student in continuous enrollment at Yavapai College may elect to graduate by satisfying program requirements as listed at the time of admission, at the time of graduation, or at any time during the last period of continuous attendance. Continuous enrollment means enrollment in the regular session (fall/spring or spring/fall) of each academic year.
 - If a course required for a degree or certificate has been deleted from the catalog, a comparable course will be substituted for the deleted course. Other substitutions are generally not permitted. However, a student who believes circumstances warrant special consideration may petition to the supervising dean.
4. Earn a grade of "C" or higher in a course for it to apply toward a Yavapai College degree or certificate.
 - A maximum of 12 credit hours of "S" credit from 100- & 200- level courses may be applied toward lower division degree requirements.
 - A maximum of 12 credit hours of "S" credit from 300- & 400-level courses may be applied toward upper division degree requirements.
 - A maximum of 12 credit hours of Independent Study courses may be applied toward any degree program.
 - Special interest and developmental education courses (courses numbered below 100) will not be applied toward degrees and certificates.
5. Students may fulfill degree requirements after leaving Yavapai College by transferring back applicable credits earned at regionally accredited institutions of higher education. Students must adhere to the catalog requirements of their program of study during their last continuous enrollment or current catalog year requirements at Yavapai College. Students must meet the credits in residence requirement.
6. Meet **minimum** credits in residence requirement (credits at Yavapai College, final grade of C or better in 100-level or higher classes):
 - Bachelor of Applied Science or Bachelor of Design in Visual Design degree - minimum of 24 credit hours in residence
 - Bachelor of Science degree - minimum of 30 credit hours in residence
7. Prior Learning Assessment **maximum** credit hours allowed:
 - Bachelor of Applied Science or Bachelor of Design in Visual Design degree - maximum of 45 credit hours
 - Bachelor of Science degree - maximum of 60 credit hours
8. Remove any indebtedness to the College.

Earning a Degree or Certificate

Location of Degree Programs

Yavapai College offers courses required for degrees and certificates in selected locations. The college does not guarantee that all courses for a degree or certificate will be offered at all locations. Please review the degree or certificate program information or a current class schedule for the location information.

Earning a Degree or Certificate

Graduation with Honors

A student who is awarded a degree and who meets the following requirements shows as conferred "with Honors" on the official transcript and on the diploma.

Associate Degree: completed 30 credit hours of 100-level or above at Yavapai College graded A-F with a cumulative GPA of 3.50 or higher

Bachelor of Applied Science Degree: completed 45 credit hours of 100-level or above at Yavapai College graded A-F with a cumulative GPA of 3.50 or higher

Bachelor's Degree: completed 60 semester hours of 100-level or above, graded A-F, at Yavapai College with a cumulative GPA of 3.50 or higher

Earning a Degree or Certificate

Multiple Degrees

A student who has already earned an associate degree or bachelor degree at Yavapai College may earn a subsequent degree according to the following provisions. A subsequent degree must identify a specific area of study and be directed by an approved educational plan. Requirements for a subsequent degree program must be completed in accordance with the catalog in effect at the time the multiple degree proposal is approved. Students must make this request with an Academic Advisor.

1. General education requirements specified for each degree must be completed.
2. All major and related degree requirements specified in any subsequent degree must be completed. If a specified course has already been applied to another degree or certificate program, that course *competency* may be applied to a subsequent degree program.
3. Course substitutions approved for one degree program do not automatically apply to a subsequent degree program.
4. A minimum of 15 additional credit hours of major and related requirements, not applied to the first degree, must be completed at Yavapai College for a second Associate Degree; a minimum of 30 additional credit hours of major and related requirement must be completed at Yavapai College for a second Bachelor Degree. These credit hours will be in addition to any general education requirements needed to complete the subsequent degree.
5. An Associate of General Studies degree will not be awarded simultaneously with, or subsequent to, the awarding of any other associate degree. Other degrees may be earned concurrently as long as all of the requirements for each degree are met.

Earning a Degree or Certificate

Continuous Enrollment

Students maintaining Continuous Enrollment at any public Arizona community college or university may graduate from Yavapai College according to the requirements in effect at the time of initial enrollment or according to the requirements of any single Yavapai College catalog in effect in subsequent terms of continuous enrollment.

A semester in which a degree or certificate seeking student earns course credit will be counted toward continuous enrollment. Non-credit courses, audited courses, failed courses, or courses from which the student is withdrawn do not count toward the determination of continuous enrollment for catalog purposes.

Students who do not meet the minimum enrollment standards stipulated above during two consecutive semesters (fall/spring or spring/fall) are no longer considered continuously enrolled, and must meet requirements of the Yavapai College catalog in effect at the time they are readmitted or of any single catalog in effect during subsequent terms of continuous enrollment after readmission.

Earning a Degree or Certificate

Programs Requiring Selective Admission

Requirements for Admission to the Aerospace Science AAS - Airplane Operations Concentration

An application packet is available by contacting Anjanette Temple by phone at 928-776-2014 or emailing Anjanette.Temple@yc.edu. Admission requirements include a government issued photo ID and a copy of your FAA 2nd class medical card. Visit www.yc.edu/aviation for more information.

Requirements for Admission to the Gunsmithing Program

An application packet and additional information is available by contacting Anjanette Temple by phone at 928-776-2014 or emailing gunsmithing@yc.edu. Admission requirements include a valid driver's license and a concealed carry permit or current Federal background check. Visit www.yc.edu/gunsmithing for more information.

Requirements for Admission to the Freeport-McMoRan Mining Program

Students must be at least 18 years of age and must attend the Mining Preview Day held in February annually at Yavapai College. Students accepted into the program must interview with Freeport-McMoRan and be hired as an employee, pass a drug and alcohol test and physical examination, and complete a security background check. An information packet is available from the CTEC Campus by calling 928-717-7107 or 928-776-2002.

Requirements for Admission to the AAS in Nursing

Admission to the program occurs in the Fall and in the Spring semesters. Students must have an Arizona Department of Public Safety Fingerprint Clearance Card; immunizations as outlined in application; pre-requisites completed; and must pass a standardized Pre-Admission Exam. Additional information and an application packet are available online at www.yc.edu/nursing. Pre-application entry requirements:

- Current Arizona certification as a CNA, LNA or successful completion of AHS 114, AHS 114C, and AHS 114L (or equivalent) within three years of the application deadline.
- Current pre-nursing workshop attendance certificate (valid within 12 months of the application deadline).

Requirements for Admission to the Bachelor of Science in Nursing (RN - BSN)

Admission to the program requires successful completion of an associate degree nursing program at a regionally accredited institution validated by transcript(s) and possessing an active, unencumbered RN license.

Requirements for Admission to the Nursing Assistant Certificate Program

There are special admission requirements for the Nursing Assistant Program that must be completed before receiving the Program Director's approval to register for the courses. These include a completed program application with proof of criminal background, health, and drug screenings. Must be at least 16 years old.

Requirements for Admission to the Paramedicine Program

Information regarding admission to the Paramedicine program is available at the Emergency Medical Services Department's website, www.yc.edu/ems. Interested students begin by filling out an application form. Once accepted into the program, additional information regarding specific documents required and or needed for program admission will be given to each student during a required paramedic orientation. Before applying, one must have a current EMT or AEMT certification card. For more information, please contact ems@yc.edu

Requirements for Admission to the Practical Nursing Fast Track Certificate Program

Prior to program application, the applicant must have an active Arizona certification or licensure as a CNA or LNA, or MMP, with one year of full-time or two years of part-time recent work experience; a successful score on ATI TEAS entrance exam; and high-school diploma or GED. It is recommended that students work closely with their advisor to ensure all application requirements are fully met. The application can be found at the Allied Health website: www.yc.edu/alliedhealth

Requirements for Admission to the Practical Nursing Transition Certificate Program

There are special admission requirements for the Practical Nursing Transition Certificate, including admission to the Nursing program and successful completion of NSG 151, NSG 152, NSG 153, NSG 154, NSG 155 and BIO 205

Requirements for Admission to the Radiologic Technology Program

An information packet is available from the Academic Advising Center, or online at: www.yc.edu/radiology.

Requirements for Admission to the Women's Health Imaging Program

For an application packet and detailed program information, visit www.yc.edu/radiology.

General Education

General Education is the core and foundation of the American educational experience, defining a set of values, skills and ideas that give a sense of coherence and connectedness to the learning process. Yavapai College recognizes that general education is essential for personal and intellectual growth, an effective and innovative workforce, and a successful and vibrant civic society. Yavapai College's General Education program is designed to encourage curiosity and an active interest in the world; practical, disciplined thinking; the development of personal and civic values; and a willingness to acknowledge and appreciate diverse cultural and historical perspectives.

YC's General Education program aligns with the Arizona General Education Curriculum (AGEC). Depending on their academic and career goals, students may be required to complete the the AGEC certificate.

Arizona General Education Curriculum (AGEC) Transfer Agreement

YC's General Education program contains courses that are aligned with the categories in the statewide AGEC. The AGEC is an integral part of a state-wide system designed to ensure that students graduating from any Arizona community college with the intention of transferring to a state university will have experience in and familiarity with the ideas, values, and practices of the different disciplines which make up a liberal arts education.

All public universities and community colleges in Arizona have agreed to the AGEC, a general education core that requires students to complete a certain number of credits in the following categories: Written and Oral Communication, Quantitative Reasoning, Arts and Humanities, Social and Behavioral Sciences, Institutions of the Americas, and Natural Sciences.

This agreement ensures that the completion of the [Arizona General Education Certificate](#) at Yavapai College will allow students to transfer lower division general education courses to any of the Arizona public universities without losing credits. If the student does not complete the AGEC Certificate at Yavapai College, the same transfer status may not be granted by an Arizona public university as those who have completed the certificate. Failing to complete the AGEC Certificate will result in having courses evaluated on a course-by-course basis by the transfer university. **Courses applied to the Arizona General Education Curriculum (AGEC) Certificate may not be taken for Satisfactory/Unsatisfactory (S/U) grading.**

To further assist students in their transfer goals, the following Associate's degrees include the 32-35 semester hour AGEC block:

- Associate of Arts
- Associate of Arts in Elementary Education
- Associate of Arts in Fine Arts
- Associate of Business
- Associate of Science

Students also have the option to complete the AGEC as part of the requirements for the Associate of General Education (AGS).

Some majors, particularly in the professional fields, have specific prerequisites and/or program requirements that will not transfer within the general education program described in this section. Students should check with an advisor to confirm the status of such a major program. Since university requirements can change from year-to-year, it is advisable to maintain regular contact with an academic advisor.

In some cases, a specific degree program may require the student to select particular courses, rather than to select freely from the list of approved General Education courses. The student should follow requirements of their specific degree program to ensure graduation and transfer of credits. Students are encouraged to meet regularly with an academic advisor to build an educational plan. Approved General Education courses are listed below, in their respective categories.

General Education Categories & Courses

General Education courses generally require critical reading and thoughtful writing. Students with college-level reading and writing skills have the foundation necessary for success. Approved General Education courses are listed below in their respective categories.

- **Written Communication Requirement**
 - ENG 101 College Composition I Credits: 3
 - **OR** ENG 101A - College Composition I with Writing Skills Review Credits: 3
 - **OR** ENG 101H College Composition I Honors Credits: 3
 - AND**
 - ENG 102 College Composition II Credits: 3
 - **OR** ENG 102H College Composition II Honors Credits: 3
- **Oral Communication Requirement**

Select from the following courses to fulfill the requirements of the Oral Communication category.

 - ASL 101 - Beginning American Sign Language I Credits: 4
 - ASL 102 - Beginning American Sign Language II Credits: 4
 - ASL 201 - Intermediate American Sign Language I Credits: 4

- ASL 202 - Intermediate American Sign Language II Credits: 4
- COM 100 - Introduction to Human Communication Credits: 3
- COM 131 - Fundamentals of Speech Communication Credits: 3
- COM 131H - Fundamentals of Speech Communication Honors Credits: 3
- COM 134 - Interpersonal Communication Credits: 3
- MGT 233 - Business Communication Credits: 3
- SPA 101 - Beginning Spanish I Credits: 4

- **Quantitative Reasoning Requirement**

Select from the following courses to fulfill the requirements of the Mathematics component of this degree.

- ECN 232 - Business Statistical Analysis Credits: 3
- MAT 141 - College Mathematics with Review Credits: 4
- MAT 142 - College Mathematics Credits: 3
- MAT 152 - College Algebra Credits: 3
- MAT 167 - Elementary Statistics Credits: 3
- MAT 182 - Precalculus (Algebra) Credits: 3
- MAT 183 - Precalculus (Trigonometry) Credits: 2
- MAT 212 - Topics in Calculus Credits: 3
- MAT 220 - Calculus and Analytic Geometry I with Review Credits: 5
- MAT 221 - Calculus and Analytic Geometry I Credits: 4
- MAT 230 - Calculus and Analytic Geometry II Credits: 5
- MAT 241 - Calculus III Credits: 4
- MAT 262 - Elementary Differential Equations Credits: 3
- PSY 230 - Introduction to Statistics in the Social and Behavioral Sciences. Credits: 3
- SOC 230 - Introduction to Statistics in the Social and Behavioral Sciences Credits: 3

- **Natural Sciences Requirement**

Select from the following courses to fulfill the requirements of the Natural Sciences component of this degree.

- AGS 103 - Plant Biology Credits: 4
 - BIO 100 - Biology Concepts Credits: 4
 - BIO 103 - Plant Biology Credits: 4
 - BIO 105 - Environmental Biology Credits: 4
 - BIO 156 - Human Biology for Allied Health Credits: 4
 - BIO 160 - Intro to Human Anatomy and Physiology Credits: 4
 - BIO 181 - General Biology I Credits: 4
 - BIO 182 - General Biology II Credits: 4
 - BIO 201 - Human Anatomy and Physiology I Credits: 4
 - BIO 202 - Human Anatomy and Physiology II Credits: 4
 - BIO 205 - Microbiology Credits: 4
 - CHM 130 - Fundamental Chemistry Credits: 4
 - CHM 151 - General Chemistry I Credits: 4
 - CHM 152 - General Chemistry II Credits: 4
 - GEO 103 - Introduction to Physical Geography Credits: 4
 - GEO 212 - Introduction to Meteorology Credits: 4
 - GLG 101 - Introduction to Geology I Credits: 4
 - GLG 110 - Environmental Geology Credits: 4
 - PHY 100 - Introduction to Astronomy Credits: 4
 - PHY 111 - General Physics I Credits: 4
 - PHY 112 - General Physics II Credits: 4
 - PHY 150 - Physics for Scientists and Engineers I Credits: 5
 - PHY 151 - Physics for Scientists and Engineers II Credits: 5
- Duplicate credit for BIO 100 and BIO 156 will not be awarded.*

- **Arts and Humanities Requirement**

Select from the following courses to fulfill the requirements of the Arts & Humanities category.

- ART 100 - Art Appreciation Credits: 3
- ART 112 - Two-Dimensional Design Credits: 3
- ART 113 - Three-Dimensional Design Credits: 3
- ART 200 - Art History: Paleolithic Period through the Late Middle Ages Credits: 3
- ART 201 - Art History: Pre-Renaissance through the 21st Century Credits: 3
- ART 201H - Art History: Pre-Renaissance through the 21st Century Honors Credits: 3
- ENG 185 - Sports in Literature and Media Credits: 3
- ENG 210 - Introduction to Rhetoric Credits: 3
- ENG 211 - British Literature: Beginning to 18th Century Credits: 3
- ENG 212 - British Literature 1798 to Present Credits: 3
- ENG 217 - Major Issues in World Literature Credits: 3
- ENG 220 - Introduction to Language and Culture Credits: 3
- ENG 230 - Introduction to Literature Credits: 3
- ENG 237 - Women in Literature Credits: 3
- ENG 242 - Introduction to Shakespeare Credits: 3

- ENG 270 - Introduction to Fiction Writing Credits: 3
- ENG 271 - Introduction to Poetry Credits: 3
- ENG 272 - Introduction to Creative Nonfiction Credits: 3
- FMA 190 - Foundations of Documentary and Docudrama Storytelling Credits: 3
- FMA 243 - World Cinema Credits: 3
- HIS 104 - World History I: Early Civilizations to Globalization Credits: 3
- HIS 105 - World History II: Globalization to the Present Credits: 3
- HUM 101 - Introduction to Popular Culture Credits: 3
- HUM 202 - Introduction to Mythology Credits: 3
- HUM 241 - Humanities I Credits: 3
- HUM 243 - World Cinema Credits: 3
- HUM 248 - Introduction to Folklore Credits: 3
- MUS 145 - Music of World Cultures Credits: 3
- MUS 240 - Music Appreciation Credits: 3
- PHI 101 - Introduction to Philosophy Credits: 3
- PHI 103 - Introduction to Formal Logic Credits: 3
- PHI 105 - Introduction to Ethics Credits: 3
- PHI 110 - Critical Thinking in the Digital Age Credits: 3
- PHI 204 - Medical Ethics Credits: 3
- PHI 210 - Environmental Ethics Credits: 3
- PHI 220 - Happiness and the Meaning of Life Credits: 3
- PHI 232 - Business Ethics Credits: 3
- PHI 244 - Existentialism Credits: 3
- REL 101 - Introduction to World Religions Credits: 3
- REL 200 - Asian Mysticism Credits: 3
- REL 203 - Native Religions of the World Credits: 3
- REL 205 - Life, Sex, and Death Credits: 3
- REL 207 - Death and Dying Credits: 3
- REL 270 - Christianity Credits: 3
- SPA 102 - Beginning Spanish II Credits: 4
- SPA 201 - Intermediate Spanish I Credits: 4
- SPA 202 - Intermediate Spanish II Credits: 4
- THR 135 - Introduction to the Theater Credits: 3

- **Social Behavioral Sciences Requirement**

Select from the following courses to fulfill the requirements of the Social and Behavioral Sciences component of this degree.

- AJS 123 - Ethics and Criminal Justice Credits: 3
- ANT 101 - Stones, Bones, and Human Origins Credits: 3
- ANT 102 - Introduction to Cultural Anthropology Credits: 3
- ANT 104 - Buried Cities and Lost Tribes Credits: 3
- ANT 214 - Magic, Witchcraft and Healing: The Supernatural in Cross-Cultural Perspective Credits: 3
- ANT 231 - Southwestern Archeology Credits: 3
- CHP 230H - Leadership Development Studies Honors Credits: 3
- ECE 234 - Child Development Credits: 3
- ECN 110 - Economics of Sports Credits: 3
- ECN 236 - Principles of Economics-Micro Credits: 3
- EDU 200 - Introduction to Education Credits: 3
- EXW 152 - Personal Health and Wellness Credits: 3
- GEO 101 - World Geography West Credits: 3
- GEO 102 - World Geography East Credits: 3
- GEO 105 - Introduction to Cultural Geography Credits: 3
- NTR 145 - Food and Culture Credits: 3
- POS 100 - Introduction to Political Science Credits: 3
- POS 120 - World Politics Credits: 3
- PSY 101 - Introductory Psychology Credits: 3
- PSY 234 - Child Development Credits: 3
- PSY 245 - Human Growth and Development Credits: 3
- SOC 101 - Introduction to Sociology Credits: 3
- SOC 101H - Introduction to Sociology Honors Credits: 3
- SOC 140 - Sociology of Relationships and Family Credits: 3
- SOC 142 - Race and Ethnic Relations Credits: 3
- SOC 212 - Gender and Society Credits: 3
- SOC 220 - Introduction to Social Work Credits: 3
- SOC 250 - Social Problems Credits: 3

- **Institutions in the Americas Requirement**

Select from the following courses to fulfill the requirements of the Institutions in the Americas category.

- AJS 290 - Constitutional Law: Civil Liberties and Civil Rights Credits: 3
- ANT 232 - Indians of the Southwest Credits: 3

- ECN 235 - Principles of Economics-Macro Credits: 3
- EDU 210 - Cultural Diversity in Education Credits: 3
- ENG 240 - American Literature to 1865 Credits: 3
- ENG 241 - American Literature 1865 to Present Credits: 3
- ENG 245 - Ethnic Literature of the Southwest Credits: 3
- FMA 150 - History of American Cinema Credits: 3
- HIS 131 - United States History I: Colonization to the Civil War Credits: 3
- HIS 131H - United States History I: Colonization to the Civil War Honors Credits: 3
- HIS 132 - United States History II: Reconstruction to the Present Credits: 3
- HUM 236 - American Arts and Ideas Credits: 3
- LAW 290 - Constitutional Law: Civil Liberties and Civil Rights Credits: 3
- POS 110 - American National Government Credits: 3
- POS 110H - American National Government-Honors Credits: 3

Degrees & Certificates by Program Type

Bachelor Degrees

- [BAS in Business](#)
 - [BAS in Public Safety Admin](#)
 - [Bachelor of Design in Visual](#)
 - [Bachelor of Science Business](#)
 - [BS in Computer Science](#)
 - [BS in Nursing \(RN-BSN\)](#)
-

Associate Degrees

- [Associate of Arts](#)
 - [Associate of Arts in Elem Ed](#)
 - [Associate of Arts in Fine Arts](#)
 - [Associate of Business](#)
 - [Associate of General Studies](#)
 - [Associate of Science](#)
-

Associate of Applied Science Degrees

- [Accounting \(AAS\)](#)
 - [Admin of Justice \(AAS\)](#)
 - [Adv Manufacturing Tech \(AAS\)](#)
 - [Aerospace Science Airplane AAS](#)
 - [Agriculture Tech Mngt \(AAS\)](#)
 - [Applied Pre-Engineering](#)
 - [Automotive Technology \(AAS\)](#)
 - [Computer Network Cyber \(AAS\)](#)
 - [Computer Systems & Appl \(AAS\)](#)
 - [Diesel Technician \(AAS\)](#)
 - [Electrical & Inst Tech \(AAS\)](#)
 - [Fire Science \(AAS\)](#)
 - [Gunsmithing \(AAS\)](#)
 - [Int. Health \(Fit/Reiki\) AAS](#)
 - [Int. Health \(Mssage Thrpy\) AAS](#)
 - [Int. Health \(Reflexology\) AAS](#)
 - [Management \(AAS\)](#)
 - [Nursing \(AAS\)](#)
 - [Paralegal Studies \(AAS\)](#)
 - [Paramedicine \(AAS\)](#)
 - [Radiologic Technology \(AAS\)](#)
 - [Visual Design \(AAS\)](#)
 - [Viticulture and Enology \(AAS\)](#)
-

Arizona General Education Curriculum Certificate

- [Arizona General Education](#)
-

Certificates

- [3-D Printing & Manufact \(CERT\)](#)
- [Accounting Assistant \(CERT\)](#)

- [Advanced Bookkeeping \(CERT\)](#)
- [Agriculture Tech Mngt \(CERT\)](#)
- [Air Traffic Control Acd \(CERT\)](#)
- [Animal Care & Mngmt \(CERT\)](#)
- [AI and Machine Learning \(CERT\)](#)
- [Auto Body Paint Collsn \(CERT\)](#)
- [Automated Indust Tech \(CERT\)](#)
- [Automotive Master \(CERT\)](#)
- [Automotive Technician \(CERT\)](#)
- [Basic Carpentry \(CERT\)](#)
- [Basic Residential Trade \(CERT\)](#)
- [Basic Tax \(CERT\)](#)
- [Behavioral Health Tech \(CERT\)](#)
- [Bone Densitometry \(CERT\)](#)
- [Bookkeeping \(CERT\)](#)
- [Business Foundations \(CERT\)](#)
- [Networking Spec Cisco \(CERT\)](#)
- [Commercial Driver \(CERT\)](#)
- [Computed Tomography \(CERT\)](#)
- [Networking Tech Comptr \(CERT\)](#)
- [CNC Machining \(CERT\)](#)
- [Computer Programming \(CERT\)](#)
- [Paramed-Crit Care Prov \(CERT\)](#)
- [Culinary Arts Fund \(CERT\)](#)
- [Cstm Firearms Dsgn Manf \(CERT\)](#)
- [Cybersecurity Spec \(CERT\)](#)
- [Cybersecurity Tech \(CERT\)](#)
- [Detention Off. Training \(CERT\)](#)
- [Diagnost Med Sonography \(CERT\)](#)
- [Diesel Technician \(CERT\)](#)
- [Early Childhood Adv \(CERT\)](#)
- [Early Childhood Basic \(CERT\)](#)
- [Early Childhood Industry \(CERT\)](#)
- [Electric Utility Lnwrkr \(CERT\)](#)
- [Electrical Instrument \(CERT\)](#)
- [Electrician \(CERT\)](#)
- [Electronics - Analog \(CERT\)](#)
- [Electronics - Digital \(CERT\)](#)
- [Electronics -Industrial \(CERT\)](#)
- [Electronics Technology \(CERT\)](#)
- [Emergency Medical Tech \(CERT\)](#)
- [Enology \(CERT\)](#)
- [Fire Service Advanced \(CERT\)](#)
- [Fire Service Comm Risk \(CERT\)](#)
- [Fire Service Driver/Op \(CERT\)](#)
- [Fire Srvc Comp Officer \(CERT\)](#)
- [Fitness Trainer/Inst \(CERT\)](#)
- [Fundamentals of Ag Tech \(CERT\)](#)
- [Graphic Design \(CERT\)](#)
- [Gunsmithing \(CERT\)](#)
- [HVAC Install & Maint \(CERT\)](#)
- [SOVZDH3yHwxalynfFG4e - Missing program](#)
- [Justice Studies \(CERT\)](#)
- [Law Enforcement \(CERT\)](#)
- [Legal Office Clerk \(CERT\)](#)
- [Legal Paraprofessional \(CERT\)](#)
- [Limited XRay Machine Op \(CERT\)](#)
- [Magnetic Resonance \(CERT\)](#)
- [Management \(CERT\)](#)
- [Mngt - Entrepreneurship \(CERT\)](#)
- [Found of Leadership \(CERT\)](#)
- [Mngt - Strat Leadership \(CERT\)](#)
- [Massage Therapy \(CERT\)](#)
- [Media Edit & Post Prod \(CERT\)](#)
- [Medical Assistant \(CERT\)](#)
- [Medical Office Asst \(CERT\)](#)
- [Medical Records Tech \(CERT\)](#)

- [Nursing Assistant \(CERT\)](#)
- [Paramedicine \(CERT\)](#)
- [Phlebotomy Technician \(CERT\)](#)
- [Plumbing Technician \(CERT\)](#)
- [Pract Nursing Fst Track \(CERT\)](#)
- [Pract Nurse Transition \(CERT\)](#)
- [Production Horticulture \(CERT\)](#)
- [Reflexology \(CERT\)](#)
- [Robotics \(CERT\)](#)
- [Script Supervisor \(CERT\)](#)
- [Stge and Media Production \(CERT\)](#)
- [Tech Theater Stagecraft \(CERT\)](#)
- [Unmanned Aircraft \(CERT\)](#)
- [Victim Advocaey \(CERT\)](#)
- [Video Game Developer \(CERT\)](#)
- [Viticulture Advanced \(CERT\)](#)
- [Viticulture Fundamental \(CERT\)](#)
- [Gas Metal Arc Welding \(CERT\)](#)
- [Gas Tungsten Arc Weld \(CERT\)](#)
- [Pipe Welding \(CERT\)](#)
- [Welding - Structural \(CERT\)](#)
- [Women's Health Imaging \(CERT\)](#)
- [Writing for the Screen \(CERT\)](#)

Sunset Programs

The following programs are no longer being offered as of the end of the 2025-2026 catalog year. If you are enrolled in these programs in a previous catalog year, please work with an academic advisor to complete the program.

- Brewing Technology Certificate
- Limited X-Ray Transition Certificate

Degrees & Certificates by Program Type

Z-Degree

YC is proud to offer **an Associate of Applied Science (AAS) in Management, Bachelor of Applied Science in Business (BASB), and a Bachelor of Science (BS) in Business as a Z-degree.** Through the dedicated efforts of YC faculty and staff, students now have the option to take courses as part of the Z-degree and could **potentially graduate with no textbook costs!**

See [Z-Degree website](#) for more information.

Academic Calendar

Fall Semester 2026: August 17 - December 16

Convocation	August 10
Faculty Activities Week	August 10-14
Fall Semester Begins (16-week and first 8-week session)	August 17
Labor Day Holiday (no classes, offices closed)	September 7
First 8-week Session Ends	October 9
Fall Break (no classes, officed closed)	October 12-16
Second 8-week Session Begins	October 19
Veterans Day (no classes, offices closed)	November 11
Thanksgiving Holiday (no classes, offices closed)	November 25-29
Fall Semester Ends (16-week and second 8-week session)	December 16
Final Grades Due to Registrar	December 18
Offices Closed - Winter Break	Dec 19-Jan 3

Spring Semester 2027: January 19 - May 14	
Faculty Activities Week	January 11-15
All College Spring Welcome	January TBD
Martin Luther King Jr. Holiday (no classes, offices closed)	January 18
Spring Semester Begins (16-week and first 8-week session)	January 19
First 8-week Session Ends	March 12
Spring Break (no classes, offices closed)	March 15-19
Second 8-week Session Begins	March 28
Prescott Graduation	May TBD
Verde Valley Graduation	May TBD
Spring Semester Ends (16-week and second 8-week session)	May 14
Final Grades Due to Registrar	May 19
Memorial Day Holiday	May 31
Summer Session 2027: June 7 - July 29	
Summer Semester begins	June 7
Juneteenth Holiday (no classes, offices closed)	June 17
Independence Day Observed (no classes, offices closed)	July 5
Summer Semester Ends	July 29
Final Grades Due to Registrar	July 30

Academic Information

Academic Information

Academic Honors List

An honor bestowed upon students who demonstrate exemplary performance. To be eligible, a student must complete 12 or more credits in that semester with a grade point average of 3.5 or higher.

Academic Information

Articulation Agreements

Articulation and transfer agreements specify which courses are equivalents from, or to, another institution. Your advisor will be able to tell you if such an agreement exists, and for which specific courses. Related information is available at University Transfer Information/Resources found at www.yc.edu/advising.

Academic Information

Assessment of Student Academic Achievement

In harmony with Yavapai College's mission to provide quality higher learning, the assessment cycle of continuous improvement based on evidence ensures the quality of students' academic experiences. The purpose of assessment is to measure the degree to which students attain the educational goals and outcomes determined by the academic departments of the college. The assessment process consists of identifying goals and outcomes, gathering evidence about how well students are attaining the goals and outcomes, and using the information to improve instruction and revise curriculum.

Academic Information

Educational Partnerships

Yavapai College has partnerships with the three Arizona state public universities (Arizona State University, Northern Arizona University, and the University of Arizona), as well as transfer agreements with other U.S. universities and colleges that are regionally accredited. Transfer partnerships assist students in making a smooth transition from one institution to the next by maximizing credits. Several university partners offer Yavapai College graduates dedicated advisement as well as financial incentives such as tuition and transfer scholarships, waiver of application fees, textbook waivers, and special tuition incentives. To view a list of institutions with which Yavapai College has established articulation agreements, and to view a schedule of university visits to YC campuses, see www.yc.edu/transfer.

Academic Information

Leighnor Aircraft, LLC

Yavapai College and Leighnor Aircraft have established by contract the leasing of fixed-wing aircraft and the use of flight schedule software for Yavapai College's AAS in Aerospace Science/Airplane Operations program.

Academic Information

Internships and Experiential Learning

Internships and other Experiential Learning (ExL) opportunities develop students' career competencies beyond the classroom while preparing participants for skilled entry into specific industry sectors. These experiences enable students to explore potential careers and apply knowledge gained in the classroom in addition to refining knowledge and skills while gaining relevant experience in the workplace.

Credit-bearing ExL opportunities are available at Yavapai College as an option for certain programs. To explore these possibilities, students should see their Academic Advisor, the Internship Coordinator, or specific Program Coordinators.

While ExL courses are made available to students through partnership with an employer, they are supervised by YC to ensure a meaningful experience targeting specific learning outcomes. YC provides the necessary paperwork ensuring all parties (employer, faculty/staff, and student) understand and are committed to meeting the requirements.

A course contract details the specific job expectations, learning outcomes, and appropriate assignments. The employer provides sufficient opportunity, experiences, and instruction for learning under supervision per the contract, and YC will approve academic credit according to its standards for all credit-bearing coursework, including students' required time commitment for preparation and training. YC faculty/staff, student, and the employer will maintain frequent contact through meetings, emails, or phone calls to ensure progress with learning objectives.

For more information on internships and ExL, see www.yc.edu/internships.

Academic Information

Methods of Instruction and Meeting Types

Yavapai College offers a variety of instructional methods to meet the needs of a diverse student population.

Instructional Delivery Methods

Delivery Type	Description
Activity Based	Classes are based on physical activity and students are expected to attend all classes.
Apprenticeship	On-the-job training utilizing structured field experiences within specific trades or professions. These experiences enable students to explore potential careers and apply knowledge gained in the classroom while refining their technical skills and gaining relevant experience in the workplace.
Classroom Based	Classes are held in a classroom at specific days and times.
Classroom and Web (Hybrid)	A hybrid class combines face-to-face classroom instruction with online course activities. This blended learning model offers students the opportunity to engage with instructors in the classroom on a regular and scheduled basis. The hybrid model supplements class time with online lessons and activities. Although the balance of in-class and online learning time differs from class to class, the hybrid model offers students the best of both worlds. Students benefit from in-class interaction with their instructor while also having the flexibility of online learning activities that can be accessed on their personal schedules.
Competency-Based Education	Students register for course work as usual, but proceed at their own pace; the time to complete an assignment may be accelerated or decelerated. Students receive credit for the course when they have demonstrated mastery of the competencies by passing a summative assessment. Students may take assessments at any time (with agreement of instructors).
Computer Based In-Classroom	Classes meet in a classroom at specific days and times. Students are required to use a computer in the classroom.
Directed Research	Faculty or mentor directed student research in an area of current scientific investigation. Lab or fieldwork with the object of contributing to the professional body of scientific knowledge. Includes data collection, analysis and written and oral presentation.
Hybrid	A hybrid class combines face-to-face classroom instruction with online course activities. This blended learning model offers students the opportunity to engage with instructors in the classroom on a regular and scheduled basis. The hybrid model supplements class time with online lessons and activities. Although the balance of in-class and online learning time differs from class to class, the hybrid model offers students the best of both worlds. Students benefit from in-class interaction with their instructor while also having the flexibility of online learning activities that can be accessed on their personal schedules.
Independent Study	Supervised special project which is undertaken with the direction of an assigned faculty member. Certain requirements must be met. Consult with an academic advisor for more information.
Individually Paced Instruction (IPI)	Instructors help students work at their own pace to complete requirements. Students must show weekly progress.
Internship	Supervised field experience with businesses, corporations, government agencies, schools and community organizations to expand career interests and apply subject knowledge relevant to the workplace. Individualized internship placements to develop personal and professional skills, including professional ethics, leadership, and civic responsibility. Consult with an academic advisor for more information.
Online	An online class is completely virtual. Course content is delivered asynchronously, so students can learn on their own time. Course content, assignments and test deadlines may be scheduled on a weekly basis, so students will need to consistently log into online courses to adhere to instructor deadlines. Online classes offer students the benefit of twenty-four hours, seven days a week accessibility to fit their life and work schedules. Instructors in online classes provide regular interaction and support through email, discussion forums, and assignment feedback. Some online classes may require proctored exams. Additional fees may be charged for proctored exams.
Open Entry/ Closed Exit	Proficiency-based instruction where students work at their own pace in an open lab setting. Students may register at various times and must complete classes by an established deadline. Delivery types may vary.
Practicum	In a practicum, a student integrates coursework with supervised practical application of a previously or concurrently studied theory.
Private Lesson	Private lessons are scheduled for each student. One instructor is assigned to each student.
Video Conferencing	Video Conferencing classes are held in physical locations, but students can also choose to connect with the class using an online program called Zoom. Zoom allows students to interact with the instructor and other students in the class. If using Zoom, students will need a computer with reliable Internet access, web camera and a microphone.
WebLIVE	WebLive is a live online class where students and instructors are connected in a virtual classroom via Zoom. Just like an in-person class, a WebLive class takes place in real time, meeting at the same time each week. This allows students and instructors to be online at the same time engaging in classroom lectures, discussions, and real time activities. The high-quality and real-time interaction of WebLive courses requires that students have reliable Internet access, a web camera, and a microphone.

Meeting Types

Meeting Type indicates the primary way(s) a student will interact with the class (in person in a classroom, online, a combination of both, etc.). A course may include one or more of the following meeting types.

MEETING TYPE	DESCRIPTION
• CL81	Class 1st 8-weeks
• CL82	Class 2nd 8-weeks
• CL41	Class 1st 4-weeks
• CL42	Class 2nd 4-weeks
• ON81	Online 1st 8-weeks
• ON82	Online 2nd 8-weeks
• IP81	Individually Paced 1st 8-weeks
• IP82	Individually Paced 2nd 8-weeks
• WB81	Weblive 1st 8-weeks
• WB82	Weblive 2nd 8-weeks
Class	Classes are held in a classroom at specific days and times.
Field Trip	A field trip is a visit or journey by students to a specified location to gain firsthand knowledge outside of the classroom. This is a means of providing a complementary and diverse learning environment.
Hybrid	A hybrid class combines face-to-face classroom instruction with online course activities. This blended learning model offers students the opportunity to engage with instructors in the classroom on a regular and scheduled basis. The hybrid model supplements class time with online lessons and activities. Although the balance of in-class and online learning time differs from class to class, the hybrid model offers students the best of both worlds. Students benefit from in-class interaction with their instructor while also having the flexibility of online learning activities that can be accessed on their personal schedules.
Individually Paced Instruction (IPI)	Classes are taught in a variety of settings with faculty guidance, and in which students work at their own pace to complete course requirements. Students are expected to exhibit weekly progress and to follow the start/end dates specified on the class schedule.
Mandatory Orientation	A mandatory orientation is required. The course schedule will specify whether a mandatory orientation is in person or can be provided online via a program called Zoom.
Open Entry/ Closed Exit	Proficiency-based instruction where students work at their own pace in an open lab setting. Students may register at various times and must complete classes by an established deadline. Delivery types may vary.
Online	An online class is completely virtual. Course content is delivered asynchronously, so students can learn on their own time. Course content, assignments and test deadlines may be scheduled on a weekly basis, so students will need to consistently log into online courses to adhere to instructor deadlines. Online classes offer students the benefit of twenty-four hours, seven days a week accessibility to fit their life and work schedules. Instructors in online classes provide regular interaction and support through email, discussion forums, and assignment feedback. Some online classes may require proctored exams. Additional fees may be charged for proctored exams.
Optional Orientation	An optional orientation is not required, but attendance is strongly encouraged. The course schedule will specify whether an optional orientation is in person or can be provided online via a program called Zoom.
WebLIVE	WebLive is a live online class where students and instructors are connected in a virtual classroom via Zoom. Just like an in-person class, a WebLive class takes place in real time, meeting at the same time each week. This allows students and instructors to be online at the same time engaging in classroom lectures, discussions, and real time activities. The high-quality and real-time interaction of WebLive courses requires that students have reliable Internet access, a web camera, and a microphone.

Academic Information

Prior Learning Assessment & Credit for Exams

Prior Learning Assessment

Yavapai College recognizes that learning experiences take place in a variety of settings. Many students have significant, demonstrable learning that has come from educational experiences outside the traditional academic environment. Students may be awarded college credit for prior or extra-institutional learning based on established assessment methods including articulation agreements, credit by evaluation, and college-level equivalency examinations. All assessment methods used by the College require faculty review and oversight to determine that learning outcomes have been accomplished by determining acceptable test scores, appropriate equivalencies, special program requirements, or other academic considerations.

Additional Information:

- A maximum of 30 credit hours by any combination of examination, special articulation agreement, or evaluation will be accepted toward an Associate degree; a maximum of 45 credit hours toward a Bachelor of Applied Science or Bachelor of Design in Visual Arts degree; a maximum of 60 credit hours toward a Bachelor's degree.
- Duplicate credit will not be awarded for prior learning in subject matter for which the student has already received credit.
- Assessment for prior learning will not be administered for equivalency of courses numbered below 100.
- Credit will not be granted for more elementary course work or for a prerequisite to a course in which the student is enrolled or for which the student has already received credit.
- An official transcript or documentation of test scores must be sent directly to the Registrar from the administering agency or testing company prior to assessing eligibility for credit.
- The Yavapai College transcript will document only that credit for prior learning has been granted and the number of credits awarded. No letter grade will be assigned for any assessment of prior learning and no record will be made of unsuccessful assessments.
- While Yavapai College will award credit for prior learning in accordance with institutional policies and procedures, the credit is not necessarily transferable to other colleges and universities. Therefore, students are strongly advised to meet with a program advisor at the college or university they plan to attend.
- Credit for prior learning may impact financial aid awards. Students are strongly advised to meet with a financial aid advisor prior to pursuing assessment of prior learning.
- The student must pay any fees and adhere to approved administrative procedures for the prior learning assessment method selected. Fees are non-refundable.

Agency or Industry Certifications or Licenses

If you have any type of agency or industry certification, speak to your academic advisor to request a review of your certifications or licenses for possible earned college credit.

Examples include:

CPR certification, Certified Nursing Assistant (CNA), A+ Computer Certification, ASE Certifications, FAA Certifications

See full list of equivalencies at <https://www.yc.edu/v6/registrar/cpl/index.html>

Military Training and Experience:

ACE Military Registry Transcripts including AARTS (Army); SMART (Navy and Marine Corp); CCAF (Air Force); and CARTS (Coast Guard) can be considered. The student must request that the transcript be sent to Enrollment Services or electronically to: electronicreceipts@yc.edu. For more information: consult <http://aarts.army.mil/> (check the information on "Related Links/Referrals" for other military branches of service).

- Credit awarded is not necessarily transferable to other institutions, and may impact financial aid awards. Students should meet with a financial aid advisor prior to pursuing assessment of military training.

Advanced Placement (AP) Table*

Students who have taken a college board advanced placement course in their secondary school may be eligible to receive YC credit. Listed are the AP subject areas accepted by Yavapai College, the score required, the credit awarded and the recommended YC equivalent. Students should have their scores sent directly to the YC Registrar's office.

Exam	Score	Credits	YC Equivalent
2-D Art & Design	4/5	3	ART 112
3-D Art & Design	4/5	3	ART 113
Art History	3 4/5	3 6	ART 200 or ART 201 ART 200 & ART 201
Biology	3 4/5	4 8	BIO 100 BIO 181 & BIO 182
Calculus AB	3/4/5	5	MAT 220
Calculus BC	3 4/5	5 10	MAT 220 MAT 220 & MAT 230
Chemistry	4 5	4 8	CHM 151 CHM 151 & CHM 152
Comparative Government & Politics	4/5	3	Elective Credit
Computer Science A	4/5	3	CSC 105
Computer Science Principles	3/4/5	3	CSC 105
Drawing	4/5	3	ART 110
English Language & Composition	4/5	3	ENG 101 or Dept Elective
English Literature & Composition	4/5	3	ENG 101 or Dept Elective
Environmental Science	4/5	4	BIO 105
European History	4/5	6	Dept Elective
Human Geography	4/5	3	GEO 105
Macroeconomics	4/5	3	ECN 235
Microeconomics	4/5	3	ECN 236
Music Theory	4/5	4	MUS 131
Physics 1	4/5	4	PHY 111
Physics 2	4/5	4	PHY 112
Physics C (Elect. & Magnetism)	3/4/5	4	PHY 112
Physics C (Mechanics)	3/4/5	4	PHY 111
Precalculus	3/4/5	5	MAT 182 & MAT 183
Psychology	4/5	3	PSY 101
Research	3/4/5	3	Elective Credit
Seminar	3/4/5	3	Elective Credit
Spanish Language	3/4/5	16	SPA 101 , SPA 102 , SPA 201 & SPA 202
Spanish Literature & Culture	3/4/5	16	SPA 101 , SPA 102 , SPA 201 & SPA 202
Statistics	3/4/5	3	MAT 167
US History	4/5	6	HIS 131 & HIS 132
World History	4/5	3	HIS 105

Cambridge Assessment International Education (formerly CIE) Table

Listed are the Cambridge International AS & A levels accepted by Yavapai College, the score required, the credit awarded and the recommended YC equivalent. Students should have their scores sent directly to the YC Registrar's office.

Exam	Score	Credits	YC Equivalent
Accounting-AS Level	a - e	3	Elective Credit
Accounting-A Level	A* - E	6	Elective Credit
Biology-AS Level	a - d e	4 4	<u>BIO 100</u> or Dept Elective <u>BIO 100</u>
Biology-A Level	A* - D E	8 4	<u>BIO 181 & BIO 182</u> <u>BIO 181</u>
Business-AS Level	a - e	3	Elective Credit
Business-A Level	A* - E	6	Elective Credit
Chemistry-AS Level	a - d	4	<u>CHM 130</u>
Chemistry-A Level	A or A* B or C D or E	8 4 4	<u>CHM 151 & CHM 152</u> <u>CHM 151</u> <u>CHM 130</u>
Computer Science-AS Level	a - e	3	Elective Credit
Computer Science-A Level	A* - E	3	Elective Credit
Economics-A Level	A* - D	6	<u>ECN 235 & ECN 236</u>
English Language-A Level	A* - E	3	Elective Credit
English Literature-A Level	A* - E	3	Elective Credit
Geography-AS Level	a - c	3	Elective Credit
Geography-A Level	A* - C	6	Elective Credit
Global Perspectives & Research-AS Level	a - e	3	Elective Credit
Global Perspectives & Research-A Level	A* - E	6	Elective Credit
History-AS Level	a - e	3	HIS Dept Elective
History-A Level	A* - E	6	HIS Dept Elective
Information Technology-AS Level	a - e	3	Elective Credit
Information Technology-A Level	A* - E	3	Elective Credit
Marine Science-A Level	A* - D	4	BIO Dept Elective
Mathematics-AS Level	a - e	3	<u>MAT 152</u> or <u>MAT 182</u>
Mathematics-A Level	A* - E	8	<u>MAT 182 & MAT 183 & MAT 212</u>
Mathematics-Further-A Level	A* - E	13	<u>MAT 220 & MAT 230 & MAT 167</u>
Music-AS Level	a - e	3	<u>MUS 240</u>
Music-A Level	A* - E	3	<u>MUS 240</u>
Psychology-A Level	A* - E	6	<u>PSY 101</u> & PSY Elective
Psychology-AS Level	a - e	3	<u>PSY 101</u>

College Level Equivalency Exams

College Level Examination Program examinations (CLEP) are administered by the Assessment and Testing Center. For information about the specific examinations administered and accepted by Yavapai College and fees involved, call 928.776.2200. For CLEP course titles and outlines of each course, go to <http://www.collegeboard.com/student/testing/clep/about.html>.

College Level Examination Program (CLEP) Table

Students may earn credit by successfully completing CLEP examinations. Listed are the CLEP subject areas accepted by Yavapai College, the credit awarded and the recommended Yavapai College equivalent. Only CLEP scores of 50 or better will be awarded credit (scoring exceptions are listed in the lower table). CLEP scores are not transferred to Yavapai College from another school's transcript. CLEP scores must be sent directly to the YC Registrar's Office.

Name of Exam	Credits	YC Equivalent
Business		
Information Systems	3	<u>CSA 110</u>
Introductory Business Law	3	Elective Credit
Financial Accounting	3	<u>ACC 131</u>
Principles of Macroeconomics	3	<u>ECN 235</u>
Principles of Microeconomics	3	<u>ECN 236</u>
Principles of Marketing	3	<u>MKT 240</u>
Composition & Literature		
Analyzing & Interpreting Literature	3	Elective Credit
College Composition	3	<u>ENG 101</u> or Elective Credit
Education & Behavioral and Social Sciences		
Human Growth & Development	3	<u>PSY 245</u>
Introduction to Educational Psychology	3	EDU Dept Elective
Introductory Psychology	3	<u>PSY 101</u>
Introductory Sociology	3	<u>SOC 101</u>
Science & Mathematics		
Biology	3	BIO Dept Elective
Chemistry	4	<u>CHM 151</u>
College Algebra	3	<u>MAT 152</u> or <u>MAT 182</u>
Pre-Calculus	5	<u>MAT 182</u> & <u>MAT 183</u>
Calculus	5	<u>MAT 220</u>
Spanish Language		
Score of 50	4	<u>SPA 101</u>
Listed below are the College Level Examination Program (CLEP) subjects with scoring exceptions:		
American Literature or English Literature		
Score of 55	3	Elective Credit
History of the U.S. I		
Score of 56	3	<u>HIS 131</u>
History of the U.S. II		
Score of 56	3	<u>HIS 132</u>
Natural Sciences		
Score of 53	3	Elective Credit
Score of 56	6	Elective Credit
Social Sciences & History		
Score of 56	6	Elective Credit
Spanish Language with Writing		
Score of 55	8	<u>SPA 101</u> & <u>SPA 102</u>
Score of 66	12	<u>SPA 101</u> , <u>SPA 102</u> & <u>SPA 201</u>
Score of 68	16	<u>SPA 101</u> , <u>SPA 102</u> , <u>SPA 201</u> & <u>SPA 202</u>
Western Civilization I		
Score of 56	3	HIS Dept Elective
Western Civilization II		
Score of 56	3	HIS Dept Elective

DSST (formerly DANTES) Exam Table

DSST (formerly DANTES Subject Standardized Tests) are credit-by-examination tests originated by the United States Department of Defense's Defense Activity for Non-Traditional Education Support (DANTES) program. Listed are the DSST subject areas accepted by Yavapai College, the score required, the credit awarded and the recommended YC equivalent. Students should have their scores sent directly to the YC Registrar's office.

Exam	Minimum Score	Credits	YC Equivalent
Computing and Information Technology	400	3	Elective Credit
Criminal Justice	400	3	AJS 101
Environmental Science	400	4	BIO 105
Fundamentals of Cybersecurity	400	3	Elective Credit
Introduction to Business	400	3	Elective Credit
Introduction to Geography	400	3	GEO 105
Introduction to Geology	400	4	GLG 101
Introduction to Law Enforcement	400	3	AJS 230
Lifespan Developmental Psychology	400	3	PSY 245
Organizational Behavior	400	3	Elective Credit
Principles of Finance	400	3	Elective Credit
Substance Abuse	400	3	PSY 241
Technical Writing	400	3	Elective Credit

International Baccalaureate (IB) Table

The International Baccalaureate (IB) Diploma Programme, offered in select high schools, is a rigorous 2-year course of precollege studies leading to exams that can be used to qualify for college credit. Listed are the IB subject areas accepted by Yavapai College, the score required, the credit awarded and the recommended YC equivalent. Students should have their scores sent directly to the YC Registrar's office.

Exam	Score	Credits	YC Equivalent
Biology- HL	4 5 or higher	4 8	BIO 100 BIO 181 & BIO 182
Biology - SL	4 5 or higher	3 4	BIO Dept Elective BIO 100
Business & Management - HL	5 or higher	3	Elective Credit
Business & Management- SL	5 or higher	3	Elective Credit
Chemistry - HL	4 5 or higher	4 8	CHM 151 CHM 151 & CHM 152
Computer Science - HL	5 or higher	3	CSC 105
Computer Science - SL	5 or higher	3	Elective Credit
Economics - HL	5 or higher	6	ECN 235 & ECN 236
Environmental Systems & Societies	5 or higher	3	Elective Credit
Geography - HL	5 or higher	3	GEO 105
Geography - SL	4 or higher	3	GEO Dept Elective
History, Americas - HL	4 5 or higher	3 6	HIS 131 HIS 131 & HIS 132
History, Europe - HL	4 5 or higher	3 6	HIS Dept Elective HIS Dept Elective
Information Technology in a Global Society - HL	5 or higher	3	Elective Credit
Information Technology in a Global Society - SL	5 or higher	3	Elective Credit
Language A:Literature- HL	5 or higher	3	ENG 101
Language A: Language & Literature - HL	5 or higher	3	ENG 101 or Elective Credit
Mathematics - HL	5 or higher	5	MAT 220
Mathematics: Analysis & Approaches - HL	5 or higher	5	MAT 220
Mathematics: Analysis & Approaches - SL	5 or higher	3	MAT 142
Mathematics: Applications & Interpretations - HL	5 or higher	3	MAT 142
Music - HL	4 or higher	3	MUS 240
Music - SL	5 or higher	3	MUS 240
Physics - HL	5 6 or higher	4 8	PHY 111 PHY 111 & PHY 112
Physics - SL	6 or higher	4	PHY 111
Psychology - HL	5 or higher	3	PSY 101
Social & Cultural Anthropology - HL	4 or higher	3	ANT 102
Social & Cultural Anthropology - SL	5 or higher	3	ANT Dept Elective
Spanish B - HL	4	4	SPA 101
Spanish B - HL	5	8	SPA 101 & SPA 102
Spanish B - HL	6	12	SPA 101 & SPA 102 & SPA 201
Spanish B - HL	7	16	SPA 101 & SPA 102 & SPA 201 & SPA 202
Sports, Exercise & Health Science - HL	4 or higher	3	EXW 152
Sports, Exercise & Health Science - SL	5 or higher	3	EXW 152
Visual Arts - HL	4 5 or higher	3 6	ART 112 ART 110 & ART 112
World Religions - SL	5 or higher	3	Elective Credit

Academic Information

State Authorization

The U.S. Department of Education requires institutions that offer distance education in a state where it is not physically located meet individual state requirements. The State Authorization Reciprocity Agreement (SARA) is an agreement among member states, districts and territories that establishes comparable national standards for interstate offering of postsecondary distance education courses and programs. Arizona was approved as a State Authorization Reciprocity Agreement (SARA) state effective November 11, 2014. Yavapai College was approved as an Arizona member institution. Yavapai College adheres to the *21st Century Distance Education Guidelines* for best practices in postsecondary distance education developed by leading practitioners of distance education and adopted by the Council of Regional Accrediting Commissions (C-RAC). This regulation applies only to distance education courses for students who reside outside the state of Arizona.

Distance Education students outside of Arizona, after completion of the institution's internal complaint process, may appeal SARA related complaints to the [Arizona Community College Coordinating Council](#) (AC4).

The Arizona SARA Council has jurisdiction over Arizona SARA approved institutions regarding non-instructional complaints for distance education students. Upon completion of the institution's and AC4's complaint process, a student may register a complaint with the Arizona SARA Council. Visit the [AZ SARA Complaint Process website](#) for more information. For students who are residents of states outside of Arizona, consumer inquiries also may be directed to the following [Consumer Protection Agency](#) of the state in which they reside.

Professional Licensure

Yavapai College provides public and direct professional licensure disclosures in accordance with federal requirements and as a State Authorization Reciprocity Agreement participating institution. Academic programs that reasonably assumed to lead to professional licensure or certification are responsible for determining whether their academic programs meet applicable state education requirements for professional licensure or certification where their students are located. The [Professional Licensure by State](#) table identifies whether professional licensure:

- Meets applicable professional licensure requirements;
- Does not meet applicable professional licensure requirements

Please see the [Notice to Students Regarding Professional Licensure and Certification](#) for more information on the General Disclosure Statement (34 CFR 668.43).

Further information on State Authorization: www.yc.edu/stateauthorization

Academic Information

SUN (Shared Unique Number) System

The Shared Unique Number (SUN) System is a college course numbering system designed to help Arizona students plan their education and ensure successful transfer of course credits. The SUN System includes major courses having direct equivalencies at all three Arizona universities and the community college districts which offer them.

- SUN courses are identified by a three-letter prefix, four-digit course number, and a SUN icon . These courses are labeled in university and community college catalogs, schedules, and websites, making it easy and immediate for students to find transferable courses.
- SUN courses are a subset of the tens of thousands of college courses that transfer among Arizona's colleges and universities. These courses and their equivalencies can be found in the searchable Course Equivalency Guide on AZTransfer.com.

Because each student has a unique academic plan, they are encouraged to consult with an academic advisor prior to enrollment. For more information about SUN, including a list of SUN courses, visit www.aztransfer.com/sun.

Admission

Yavapai College invites qualified individuals who demonstrate evidence of potential success as adult learners in an institution of post-secondary higher education to seek admission.

In accordance with Arizona state law, Revised Statutes 15-1805.01 and 15-1821, Yavapai College may admit:

A. A person who satisfies any one of the following criteria:

1. Is a graduate of a high school that is accredited by a regional accrediting association as defined by the United States Office of Education or approved by a state board of education or other appropriate state educational agency. Yavapai College has procedures to evaluate the validity of a student's high school completion if the institution or the Secretary has reason to believe that the high school diploma is not valid or was not obtained from an entity that provides secondary school education. These procedures include an official high school transcript with the graduation date included, that is sent directly from the high school to the Registrar's Office.
2. Has a high school certificate of equivalency.
3. Is at least eighteen years of age and demonstrates evidence of potential success in the community college.
4. Is a student transferring from another regionally accredited college or university in good standing (2.0 cumulative GPA).

B. A person who is under 18 years of age and has not satisfied the requirements above may be admitted upon completion of course pre-requisites and achievement of one of the following:

1. A composite score of 93 or more on the preliminary Scholastic Aptitude Test (PSAT).
2. A composite score of 930 or more on the Scholastic Aptitude Test (SAT).
3. A composite score of 22 or more on the American College Test (ACT).
4. A passing score on the relevant portions of the current state test(s) required for Arizona standards measurement or graduation (AIMS or replacement).
5. The completion of a college placement test designated by the College district that indicates the student is at the appropriate college level for the course.

A person under 18 who wishes to enroll in a course for which there is no prerequisite nor applicable placement test may be admitted on an individual basis with the approval of college officials.

C. Homeschooled students are exempt from subsection B of this policy.

D. Students who enroll in vocational education courses may be admitted on an individual basis with the approval of college officials if the student meets the established requirements of the courses for which the student enrolls and the college officials determine that the student's admission is in the best interest of the student.

- Yavapai College reserves the right to restrict enrollment.
- Admission to Yavapai College does not guarantee admission to specific programs.
- Specialized application materials may be required for certain programs, from non-citizens of the United States, from students appealing a residency classification, and in related circumstances.
- Yavapai College may admit students according to intergovernmental agreement, contract, program participation, or College-approved instruction.

Admission

Residency Determination

Classification of state residency for tuition purposes at Yavapai College is governed by state law. The information below establishes the criteria for Arizona residency. Students who are classified as non-residents will be assessed out-of-state fees when registering for classes.

Definition of Terms

1. "Armed Forces of the United States" means the Army, the Navy, the Air Force, the Marine Corps, the Coast Guard, the commissioned corps of the United States Public Health Service and the National Oceanographic and Atmospheric Association.
2. "Continuous attendance" means enrollment at an educational institution in this state as a full-time student, as such term is defined by the governing body of the educational institution, for a normal academic year since the beginning of the period for which continuous attendance is claimed. Such person need not attend summer sessions in order to maintain continuous attendance.
3. "Domicile" means a person's true, fixed and permanent home and place of habitation. It is the place where he/she intends to remain and to which he/she expects to return when he/she leaves without intending to establish a new domicile elsewhere.
4. "Emancipated person" means a person who is neither under a legal duty of service to his parent nor entitled to the support of such parent under the laws of this state.
5. "Parent" means a person's father or mother, or custodial parent, or if there is no surviving parent or the whereabouts of the parents are unknown, then a guardian of an unemancipated person if there are not circumstances indicating that such guardianship was created primarily for the purpose of conferring the status of an in-state student on such unemancipated person.

In-State Student Status

1. Except as otherwise provided in this article no person having a domicile elsewhere than in this state is eligible for classification as an in-state student for tuition purposes.
2. A person is not entitled to classification as an in-state student until the person is domiciled in this state for one year, except that a person whose domicile is in this state is entitled to classification as an in-state student if the person meets one of the following requirements:
 1. The person's parent's domicile is in this state, and the parent is entitled to claim the person as an exemption for state and federal tax purposes.
 2. The person is an employee of an employer which transferred the person to this state for employment purposes or the person is the spouse of such employee.
 3. The person is an employee of a school district in this state and is under contract to teach on a full-time basis, or is employed as a full-time non-certified classroom aide, at a school within that school district. For purposes of this paragraph, the person is eligible for classification as an in-state student only for courses necessary to complete the requirements for certification by the state board of education to teach in a school district in this state. No member of the person's family is eligible for classification as an in-state student if the person is eligible for classification as an in-state student pursuant to this paragraph.
 4. If you are a non-citizen who attended an Arizona high school for at least two years and graduated from an Arizona high school, you may be eligible for in-state tuition. Upload a photo ID using the yellow "Secure Upload Link" at <https://www.yc.edu/v6/registrar/residency.html> and send an *official final transcript* from your Arizona high school to: Yavapai College Office of the Registrar, 1100 E. Sheldon St., Prescott, AZ 86301.
3. The domicile of an unemancipated person is that of such person's parent.
4. Any unemancipated person who remains in this state when such person's parent, who had been domiciled in this state, moves from this state is entitled to classification as an in-state student until attainment of the degree for which currently enrolled, so long as such person maintains continuous attendance.
5. A person who is a member of the armed forces of the United States and who is stationed in this state pursuant to military orders or who is the spouse or a dependent child as defined in section 43-1001 of a person who is a member of the armed forces of the United States and who is stationed in this state pursuant to military orders is entitled to classification as an in-state student. The student, while in continuous attendance toward the degree for which currently enrolled, does not lose in-state student classification.
6. A person who is a member of the armed forces of the United States stationed in this state pursuant to military orders or the spouse or a dependent as defined in section 43-1001 of a member of the armed forces of the United States is entitled to classification as an in-state student if the member of the armed forces has claimed this state as the person's state of legal residence for at least twelve consecutive months before the member of the armed forces, spouse or dependent enrolls in a university under the jurisdiction of the Arizona board of regents or a community college under the jurisdiction of a community college district governing board. For purposes of this subsection, the requirement that a person be domiciled in this state for one year before enrollment to qualify for in-state student classification does not apply.
7. A person who is honorably discharged from the armed forces of the United States shall be granted immediate classification as an in-state student on honorable discharge from the armed forces and, while in continuous attendance toward the degree for which currently enrolled, does not lose in-state student classification if the person has met all of the following requirements:
 1. Declared Arizona as the person's legal residence with the person's branch of service at least one year prior to discharge from the armed forces.
 2. Demonstrated objective evidence of intent to be a resident of Arizona which, for the purposes of this section, includes at least one of the following:
 1. An Arizona driver's license
 2. Arizona motor vehicle registration
 3. Employment history in Arizona
 4. Arizona voter registration
 5. Transfer of major banking services to Arizona
 6. Change of permanent address on all pertinent records
 7. Other materials of whatever kind or source relevant to domicile or residency status
 8. Filed an Arizona income tax return with the Department of Revenue during the previous tax year.
 9. A spouse or dependent(s) of a veteran that has been discharged from a period of active duty that was 90 days or longer AND using either VA Chapter 30 or Chapter 33 benefits may also qualify. Call 928.717.7613 for more information.

County Residency

Arizona residents from counties in which there is no established community college district (Apache and Greenlee) may enroll in credit classes with Yavapai College without payment of out-of-county charges, if the student presents a notarized Arizona Out-of-County Affidavit stating that the individual has resided in the county for at least 50 days prior to the 1st day of classes. The student still is responsible for payment of regular tuition and fees.

Western Undergraduate Exchange Program Reduced Tuition

Yavapai College participates in the Western Undergraduate Exchange Program (WUE), a program of the Western Interstate Commission for Higher Education (WICHE). Residents of eligible states (currently Alaska, California, Colorado, Hawaii, Idaho, Montana, North Dakota, New Mexico, Nevada, Oregon, South Dakota, Utah, Washington and Wyoming) that enroll in any of Yavapai College's WUE-eligible programs in seven (7) credit hours or more will pay a reduced out-of-state tuition. See www.yc.edu/tuition for current rates and exempt programs.

Time enrolled under WUE status does not count toward establishing Arizona residency for tuition purposes.

www.yc.edu/residency

Admission

International Students

To qualify for admission as an international student, one must:

- be a high school graduate
- demonstrate proficiency in the English language with a score of 61 on the internet-based (iBT) Test of English as a Foreign Language (TOEFL) or a score of 90 or higher on the Duolingo English test
- have U.S. health insurance coverage which includes repatriation and medical evacuation clauses
- certify that he/she has adequate financial resources to be self-supporting while attending Yavapai College

Visit www.yc.edu/is for application information.

Admitted international students are required to enroll for a full-time course load (minimum of 12 semester credits) each Fall and Spring, and are also required to meet with an academic advisor each semester.

Admission

Incoming Transfer Students

Students who have attended prior colleges should indicate this on the admission application, and provide Yavapai College with an official transcript of all work completed. Transcripts will be evaluated to determine how much credit will be granted for transfer courses toward satisfying Yavapai College degree and certificate requirements.

Yavapai College accepts credits from regionally accredited institutions on a credit-unit-for-credit-unit basis (adjusted for semester/quarter terms). Course equivalencies are established based on alignment of the course description and learning outcomes. Only courses 100-level or above with a grade of "C" or better will be considered for transfer credit. Yavapai College accepts only transfer credits, no grade point averages. Credits from nationally accredited institutions will be considered on a case-by-case basis and should be brought to the attention of the Office of the Registrar.

Registering for Classes

The College regards a student's registration in classes as a commitment on his/her part to comply with all College regulations. It is the student's responsibility to read the catalog and to understand these regulations.

Students register for classes via secure log in at www.yc.edu/register. Students who do not have approved financial aid must either pay all tuition/fees at the time of registration or sign up for a payment plan. Detailed information regarding registration (dates, tuition rates, course availability, etc.) is published online each semester.

Degree and certificate seeking students should meet with an academic advisor prior to each semester to review degree requirements, prerequisites, and course selection.

Students must maintain a current address and other personal information in myYC portal each semester. It is important to keep a current address on file, and it is required that students monitor their College-assigned email address in order to receive all official correspondence.

Yavapai College reserves the right to restrict enrollment in classes and/or programs when educational, contractual, legal, or safety obligations warrant such restrictions.

Registration

Auditing a Course

A student wishing exposure to a course may elect to audit. Regular attendance at all class meetings is the responsibility of the student, but writing assignments and examinations are not mandatory. A grade of "AU" will be awarded for satisfactory attendance. Courses audited carry no credit toward the grade point average, toward graduation, or toward meeting professional requirements. Audit units do not count toward determining the eligibility for financial aid purposes. Audits may be repeated for credit. Once a student registers for and completes a class as an auditor, the audit on the permanent record may not be changed to a credit-earning grade. Students enrolling for credit will have priority over auditors until the first class day of the course, at which time auditors may enroll on a space available basis. An additional fee is assessed to audited courses. Go to www.yc.edu/tuition for current audit fee.

Registration

Student Holds

Holds may be placed on student records for outstanding obligations to the college. A student may not be able to enroll in classes, obtain grade reports, obtain official transcripts, or receive an earned degree or certificate until holds placed on the record have been cleared. Examples of student holds are:

- Academic Notice or Academic Suspension
- Bad or returned check
- Unpaid fees such as library fines
- Disciplinary holds for student misconduct
- Financial aid or student loan holds

Students can determine the originator of the hold via secure login (username & password) at www.yc.edu; students should call the phone number listed to resolve the hold.

Registration

Changes in Registration (Add, Drop & Withdraw)

Add/Drop/Withdraw Procedures

- Students may add, drop and withdraw from classes during designated periods each term via secure log in at www.yc.edu.
- A student-initiated withdraw prior to the deadline will result in a "W" posted to the permanent record. An administrative withdraw will be noted with a "Y."
- For deadlines and effects of changes, see www.yc.edu/academiccalendar.
- It is strongly recommended that students see an academic advisor prior to a complete withdrawal from the College.

Registration

Grades and Credits

Instructors will evaluate student achievement of course learning outcomes, and students will be regularly informed of their progress. Evaluation measures will be clearly set forth by the instructor in the course syllabus. A variety of evaluation methods relevant to the learning outcomes may be used.

Grades		
Letters	Grades	Grade Points
A	Excellent	4 grade points per semester hour
B	Good	3 grade points per semester hour
C	Average	2 grade points per semester hour
S	Satisfactory	not computed in GPA (equivalent to C grade)

A course completed with a grade of A, B, C or S fulfills the prerequisite requirement for another course. A maximum of 12 credit hours of S grades may be applied to a degree or certificate program. Grades of S are not an option towards completion of an AGEC (Arizona General Education Curriculum) certificate.

D	Unsatisfactory	1 grade points per semester hour
F	Failure	0 grade points per semester hour
U	Unsatisfactory	not computed in GPA

A course completed with a grade of D, F or U does not fulfill the prerequisite requirement for another course and may not be applied to a degree or certificate requirement.

I	Incomplete	not computed in GPA
IP	In Progress	not computed in GPA
W	Withdraw	not computed in GPA
Y	Administrative Withdraw	not computed in GPA
AU	Audit (no credit)	not computed in GPA

To calculate the Grade Point Average (GPA) for the semester:

1. Multiply the points assigned to the letter grade by the number of credit hours earned in each class
2. Add the points of all classes together
3. Divide by the total number of credits

Sample Grade Point Average (GPA) Calculation

CRS. #	Course Title	Grade Letter = (Points)	Credit Hours	Total Grade Points
ENG 101	College Comp 1	A (4)	x 3	= 12
SPA 101	Beginning Spanish1	B (3)	x 4	= 12
		7		24

Total Grade Points (24) divided by Total Credit Hours (7) = 3.4 GPA

Change of Final Grade

In case of an error in computing or recording a final grade, a student may request a grade change by faculty no later than 30 calendar days after the date the final grade has been posted to the student's permanent record. Once a grade for a course has been officially posted to the student's permanent record by the Registrar, the instructor may change the grade due to the following:

1. An error occurred in the computer and/or recording of the grade or,
2. An incomplete classification (I)

A Change of Grade request after 30 calendar days must be completed with appropriate signatures including the instructor, and Dean or designee. The request is then submitted to the Registrar.

Competency-Based Education (CBE) Grades

A competency-based education (CBE) course has a final grading option of S/U only.

- To ensure timely progress and consistent engagement in a CBE course, students must complete at least 50% of the course assignments with proficiency by the end of the semester in which a student initially enrolls for the course. Failure to meet this requirement will result in a final grade of "U" (Unsatisfactory), and the student will be required to retake the course.
- Students who have completed at least 50% of the course assignments with proficiency by the end of the semester but have not finished the entire course may continue into the following semester. However, they must complete all course assignments with proficiency not to extend beyond one semester after the semester for which the course was enrolled (a total of two consecutive semesters). Failure to do so will result in a final grade of "U" (Unsatisfactory), and the student will be required to retake the course.
- Students who complete all course assignments with proficiency within two consecutive semesters will receive a final grade of "S" (Satisfactory).

Incomplete Grades

A grade of "I" may be requested by a student and will be posted to the student's permanent record only at the end of a semester in which the student has done the following:

1. Has completed a significant majority of the work required for the course while maintaining a "C" average for work submitted and is capable of completing the remainder of the required work for this course.
2. Experienced extenuating circumstances which prevent completion of the course requirements

It is the exclusive responsibility of each student receiving an Incomplete to be in communication with the instructor and complete the course(s) by the deadline established by the instructor (maximum of 45 days). The instructor will then initiate a Change of Grade form. If the instructor is no longer available, the student should contact the supervising instructional division dean. If the work required is not completed by the deadline established by the instructor, the grade specified by the instructor will be posted to the permanent record.

In Progress (IP) Grades

"IP" is a grade indicating a student has not yet met course requirements and a final grade has yet to be assigned. It is not to be used as an alternative to an Incomplete grade. The IP grade must be replaced by a final grade when the student has completed the course.

Satisfactory (S)/Unsatisfactory (U) Grades

Yavapai College encourages each student to explore areas of study outside the major field of study. The S/U grading option is one way the College stimulates this exploration.

The "S" grade is defined as equivalent to a grade of "C" or better on the conventional grading scale of A-F. A course completed with an "S" grade indicates appropriate subject area knowledge to satisfy the prerequisite requirement of a related higher-level course.

Specified courses are graded only S/U. Students who prefer the S/U grading option must notify the class instructor. Conditions of Satisfactory/Unsatisfactory (S/U) grading:

- Since some college and universities limit the number of credits completed with S/U grading that will transfer, or restrict the way that such credits may be applied to degree requirements, it is recommended that students preparing to transfer select the S/U grading option only for elective courses.
- A maximum of twelve (12) hours of "S" credit from 100- and 200-level courses may be applied toward Yavapai College graduation requirements.
- A maximum of twelve (12) hours of "S" credit from 300- and 400-level courses may be applied toward Yavapai College graduation requirements.
- S/U grading is not an option for courses applied to the Arizona General Education Curriculum (AGEC).
- S/U grades are not computed in the student's Yavapai College grade point average.

Registration

Repeating a Course

A student may repeat any course offered by Yavapai College in order to improve a grade, or gain additional knowledge, experience, or other benefit, limited only by the following conditions:

- The credit earned in repeated courses will only be counted one time for completion of degree/certificate requirements unless otherwise noted in the course description
- A student may enroll in concurrent sections of a course only if the course is numbered 000-099
- Repeated courses may not be eligible for federal Financial Aid funding or veteran education benefits
- An individual student's repeat enrollments in specific courses may be restricted if it is determined to be in the best interest of the student or College

All grades appear on the permanent transcript. Included in the cumulative grade point average is the highest single grade earned in a course and all applicable grades earned in repeatable courses.

Directory Information

In compliance with FERPA, Yavapai College designates the following personally identifiable information about a student as directory information. Unless restricted by a student, directory information *may* be released to the public without the prior consent of the student. The student may request a privacy hold/restriction ("confidential hold") in person or in writing. These requests remain in effect until revoked in person or in writing. Directory information includes: name, address, telephone number, date and place of birth, major field of study, participation in officially recognized activities and sports, weight and height of athletic team members, dates of attendance, degrees and awards received, ID number, the most recent previous educational agency or institution attended, photographs, email address, and grade level.

Records

Student Records Disclosure

The Family Educational Rights and Privacy act of 1974 (FERPA) affords eligible students certain rights with respect to their education records. (An "eligible student" under FERPA is a student who is 18 years of age or older or who attends a postsecondary institution.) These rights include:

- The right to inspect and review the student's education records within 45 days of the day Yavapai College receives a request for access. A student should submit to the registrar, dean, head of the academic department, or other appropriate official, a written request that identifies the record(s) they wish to inspect. The College official will make arrangements for access and notify the student of the time and place where the records may be inspected. If the records are not maintained by the school official to whom the request was submitted, that official shall advise the student of the correct official to whom the request should be addressed.
 - The right to request the amendment of the student's education records that the student believes is inaccurate, misleading, or otherwise in violation of the student's privacy rights under FERPA.
 - A student who wishes to ask the College to amend a record should write the school official responsible for the record, clearly identify the part of the record the student wants changed, and specify why it should be changed.
 - If the College decides not to amend the record as requested, the College will notify the student in writing of the decision and the student's right to a hearing regarding the request for amendment. Additional information regarding the hearing procedures will be provided to the student when notified of the right to a hearing.
 - The right to provide written consent before the College discloses personally identifiable information (PII) from the student's education records, except to the extent that FERPA authorizes disclosure without consent.
 - The College discloses education records without a student's prior written consent under the FERPA exception for disclosure to school officials with legitimate educational interests. A school official is a person employed by the College in an administrative, supervisory, academic, research or support staff position (including law enforcement unit personnel and health staff); a person serving on the board of trustees; or a student serving on an official committee, such as a disciplinary or grievance committee. A school official also may include a volunteer or contractor outside of the College who performs an institutional service or function for which the school would otherwise use its own employees and who is under the direct control of the school with respect to the use and maintenance of PII from education records, such as an attorney, auditor, or collection agent or a student volunteering to assist another school official in performing his or her tasks. A school official has a legitimate educational interest if the official needs to review an education record in order to fulfill his or her professional responsibilities for the College.
4. The right to file a complaint with the U.S. Department of Education concerning alleged failures by Yavapai College to comply with the requirements of FERPA. The name and address of the Office that administers FERPA are:

Family Compliance Office

U.S. Department of Education
400 Maryland AVE S.W.
Washington, DC 20202-5901

FERPA permits the disclosure of PII from students' education records, without consent of the student, if the disclosure meets certain conditions found in 99.31 of the FERPA regulations. Except for disclosures to school officials, disclosures related to some judicial orders or lawfully-issued subpoenas, disclosures of directory information, and disclosures to the student, 99.32 of FERPA regulations requires the institution to record the disclosure. Eligible students have a right to inspect and review the record of disclosures. A postsecondary institution may disclose PII from the education records without obtaining prior written consent of the student-

- To other school officials, including teachers, with the College whom the school has determined to have legitimate educational interests. This includes contractors, consultants, volunteers, or other parties to whom the school has outsourced institutional services or functions, provided that the conditions listed in 99.31 (a)(1)(i)(B)(1)-(a)(1)(i)(B)(2) are met. (99.31(a)(1))
- To officials of another school where the student seeks or intends to enroll, or where the student is already enrolled if the disclosure is for the purposes related to the student's enrollment or transfer, subject to the requirements of 99.34. (99.31(a)(2))
- To authorized representatives of the U.S. Comptroller General, the U. S. Attorney General, the U.S. Secretary of Education, or State and local educational authorities, such as a State postsecondary authority that is responsible for supervising the university's State-supported education programs. Disclosures under this provision may be made, subject to the requirements of 99.35, in connection with an audit or evaluation of Federal- or State-supported education programs, or for the enforcement of or compliance with Federal legal requirements that relate to those programs. These entities may make further disclosures of PII to outside entities that are designated by them as their authorized representatives to conduct any audit, evaluation, or enforcement or compliance activity on their behalf. (99.31(a)(3) and 99.35)
- In connection with financial aid for which the student has applied or which the student has received, if the information is necessary to determine eligibility for the aid, determine the amount of the aid, determine the conditions of the aid, or enforce the terms and conditions of the aid. (99.31(a)(4))
- To organizations conducting studies for, or on behalf of, the school, in order to: (a) develop, validate, or administer predictive tests; (b) administer student aid programs; or (c) improve instruction. (99.31(a)(6))
- To accrediting organizations to carry out their accrediting functions. ((99.31(a)(7))
- To parents of an eligible student if the student is a dependent for IRS tax purposes. (99.31(a)(8))
- To comply with a judicial order or lawfully issued subpoena. (99.31(a)(9))
- To appropriate officials in connection with a health or safety emergency, subject to 99.36. (99.31(a)(10))
- Information the school has designated as "directory information" under 99.37. (99.31(a)(11))
- To a victim of an alleged perpetrator of a crime of violence or a non-forcible sex offense, subject to the requirements of 99.39. The disclosure may only include the final results of the disciplinary proceeding with respect to that alleged crime or offense, regardless of the finding.(99.31(a)(13))
- To the general public, the final results of a disciplinary proceeding, subject to the requirements of 99.39, if the school determines the student is an alleged perpetrator of a crime of violence or non-forcible sex offense and the student has committed a violation of the school's rules or policies with respect to the allegation made against him or her. (99.31(a)(14))
- To the parents of any student regarding the student's violation of any Federal, State, or local law, or of any rule or policy of the school, governing the use or possession of alcohol or a controlled substance if the school determines the student committed a disciplinary violation and the student is under the age of 21. (99.31(a)(15))

Transcripts

Transcripts are permanent academic records released by written consent (signature) of the student.

- **Order online**
 - Current students: login www.yc.edu - Students/My Official Transcript Request
 - Former students: www.yc.edu/transcripts
- **Order by mail**

If ordering by mail, the written request must include the student's signature, current mailing address and phone, and must identify where the transcript is to be sent. A \$15 check or money order must be included for each transcript requested.

*Yavapai College Office of the Registrar
1100 E. Sheldon St.
Prescott, AZ 86301*

- **Order in person at the Prescott Campus or Verde Campus - cost is \$15.00 per transcript**
 - Complete a transcript request and pay \$15 to the cashier.

Students who have completed work at other institutions and wish to apply credits toward their Yavapai College degree or certificate must have official transcripts sent to the Office of the Registrar at the address below. Transfer students should meet with an academic advisor to achieve maximum benefit when establishing an education plan. Students receiving veteran education benefits are required by VA regulations to submit official transcripts from all colleges, universities, technical schools, non-accredited institutions and military training.

*Yavapai College Office of the Registrar
1100 E. Sheldon St.
Prescott, AZ 86301*

Academic Integrity

Honesty in academic work is a central element of the learning environment. The presentation of another individual's work as one's own or the act of seeking unfair academic advantage through cheating, plagiarism or other dishonest means are violations of the College's academic policy and will result in disciplinary action, up to and including dismissal from the College.

Plagiarism

Plagiarism is defined as submitting any academic work which is not entirely the work of the student, deliberately or accidentally. This can include, but is not limited to, the prohibited use of generative AI, as well as other practices such as not giving proper attribution citation, or acknowledgement to a source, expanding someone else's work without giving proper credit, adopting another's work as one's own (including the copying of print or electronic media), directly using someone else's ideas without giving proper credit, and deliberately changing selective words to misrepresent someone else's work as one's own.

Cheating

Cheating is defined as submitting assignments, examinations, or other work which is based on deception or misrepresentation of the individual's own work. Cheating includes actions that provides a person with an unfair academic advantage in the class such as the furnishing of materials to another person or to oneself for purposes of gaining an unfair academic advantage. Cheating includes, but is not limited to 1) the use of any unauthorized assistance in taking quizzes, tests, or examinations; 2) use of sources or materials beyond those authorized by the instructor in writing papers, preparing reports, solving problems, or carrying out other assignments; 3) the use or acquisition, without permission, of tests or other academic material belonging to a member of the College faculty or staff; 4) engaging in any behavior specifically prohibited by a faculty member in the course syllabus or class discussion.

Fabrication

Fabrication is the intentional and unauthorized falsification or invention of any information or citation in an academic exercise.

Violation of Copyright

The unauthorized reproduction or use of copyrighted material, whether print or electronic media, is unacceptable and considered an act of academic dishonesty. In addition, the violator may be subject to legal penalty since such practice is illegal.

Penalties

The following penalties may be applied in instances of misconduct (e.g. academic dishonesty, unacceptable behavior in the learning environment, or disrespectful communication):

1. **Removal from Class:** an instructor may dismiss a student from a class meeting or learning environment for misconduct. This action shall be immediately reported to the supervising instructional Dean. The student must confer with the instructor and the supervising instructional Dean before being readmitted to class. In extreme cases, the student may be dropped from class.

2. **Reduced Grade, or Grade of “F” (failure):** An instructor may assign a reduced grade or a grade of “F” for a specific assignment where misconduct occurred, or for the entire course depending upon the severity of the misconduct. This penalty may be applied regardless of how long the student has been enrolled in the class and will override any student-initiated withdrawal from the course.
3. **Course Dismissal:** An instructor may request the permanent removal of a student from their course due to repeated or severe misconduct, with prior approval from the supervising instructional Dean. The Dean will coordinate with the Registrar’s Office to record an administrative withdrawal on the student’s transcript.
4. **Referral to the Code of Conduct Procedures under Section VII:** if the student’s conduct is deemed in need of action beyond academic recourse by the supervising instructional Dean, the student will be referred to the Student Conduct Officer for review under Section VII. Sanctions may include suspension, expulsion, and/or revocation of degree and/or certificate.
5. **Legal measures** may be taken by Yavapai College, including referral to law enforcement or civil action.

Student Rights & Responsibilities

Academic Load

16-week classes:

Requires two to three hours of outside preparation for each hour spent in class.

8-week classes:

Requires four to six hours of outside preparation for each hour spent in class.

Maximum Allowed Academic Load:

- Some specialized academic programs may require additional outside preparation. To ensure that students have every opportunity for success in courses, academic loads must be carefully planned.
- Full-time student status is defined as 12-15 credit hours within a semester (fall/spring), and 6-9 credits within any 8-week term within the semester. The maximum academic load in any one semester is 18 credit hours, with a maximum of 9 credit hours in each 8-week term within the semester.
- Students wanting to take 19-20 credits in a semester or 10 credits in any 8-week term will work with their assigned advisor for approval. Only a student with a grade point average of 2.8 or higher of full-time work is allowed to carry more than the maximum load.
- Students wanting to take a total of 21 credits or more within a semester or more than 10 credits in an 8-week term will need to petition the Director of Advising for approval to carry an overload.

Students who are employed or who undertake many extracurricular activities will find it advisable to reduce their academic loads accordingly.

Student Rights & Responsibilities

Academic Renewal

Academic Renewal allows a student who experienced academic difficulties during earlier attendance at Yavapai College to have grades for a particular period of time excluded from the calculation of the grade point average. All courses and grades remain on the student’s permanent academic record.

Conditions:

- Before applying for Academic Renewal the student must complete at least twelve credit hours of academic course work with a grade of “C” or better in each course.
- Application for Academic Renewal may be made after a two-year waiting period from the last semester to be considered for renewal.
- Academic Renewal is granted on a semester basis, not on a per course selection basis. The student may have a maximum of four consecutive semesters (including summer) of course work disregarded in calculations regarding academic standing, grade-point average, and eligibility for degree or certificate completion.
- Academic Renewal may be granted only once during a student’s academic career at Yavapai College and may not extend to other institutions.
- If a student’s application for Academic Renewal is approved, the student’s permanent record will be annotated to indicate that no work completed during the disregarded semester(s) or term(s), even if satisfactory, may be calculated in the grade-point average or applied to completion of certificate/degree requirements. Academic Renewal is not available to students who have already completed requirements for a certificate or degree. Since the student’s complete record (before and after Academic Renewal) remains on the transcript, other institutions may consider all course work when a student transfers or applies to professional or graduate-level programs.

Procedures:

1. The student application for Academic Renewal must be obtained from an academic advisor.
2. The student’s academic advisor must sign the form and attach a copy of the student’s transcript and forward to the Office of the Registrar.
3. The application must be approved by the Registrar. If approved, the Registrar will update the student’s transcript.

Student Rights & Responsibilities

Academic Requirements

Yavapai College has established academic requirements which must be met before a degree or certificate is granted. Faculty, Deans, academic advisors and other staff are available to help the student understand and meet these requirements, but the student is responsible for fulfilling them. At the end of a student’s course of study, if requirements for graduation have not been satisfied, the degree or certificate will not be granted. For this reason, it is important for the student to be acquainted with all requirements, to remain currently informed of all requirements and to be responsible for completing the requirements. Courses, programs, and requirements described in the catalog may be suspended, deleted, restricted, supplemented or changed at any time at the discretion of the Yavapai College District Governing Board.

Student Rights & Responsibilities

Acceptable Use

Yavapai College technological equipment and resources must be used in accordance with the [Technology Resource Standards](#) (5.27), [Copyright Use](#) (2.28) and [Peer-to-Peer \(P2P\) File Sharing](#) (5.26) policies. Use of Yavapai College equipment and resources to illegally copy, download, access, print or store copyrighted material or download pornographic material is strictly prohibited. For example, file swapping of copyrighted material, such as music or movies is strictly prohibited. Users found to violate this policy will have their privileges to use Yavapai College technological equipment and resources revoked.

Student Rights & Responsibilities

Attendance Policy

Yavapai College offers courses in a variety of delivery formats. Students are expected to attend classes and/or actively participate in all credit courses regardless of the delivery method. All course syllabi will state attendance and class participation requirements. Syllabi will also define any consequences for not adhering to attendance and/or participation requirements. The course calendar must identify assignments that require student participation in class activities or due dates for course assignments.

Student Rights & Responsibilities

Code of Conduct

The Office of Student Conduct and Community Standards supports the educational mission of Yavapai College by upholding the standards of conduct. The intended purpose of the Code of Conduct is to maintain order and stability and to preserve all educational functions by setting forth standards of behavior and by promoting respect for the rights of all individuals.

Our goal is to provide the student with an overview of the student disciplinary process, serve as a resource for addressing student conduct, and to help you stay safe on campus. If you have any questions, need assistance or would like to consult with a staff member in the Office of Student Conduct and Community Standards, please call 928.776.2211. The Code of Conduct can be reviewed at <https://www.yc.edu/v6/student-services/docs/code-of-conduct.pdf>.

Student Rights & Responsibilities

College Photo and Videotape Policy

Yavapai College takes photos and videotapes of students throughout the year. These photographs often include students in classrooms, study areas, residence halls, athletic events and so forth. Yavapai College reserves the right to use these photographs as part of its publicity and marketing efforts. Students who enroll at Yavapai College do so with the understanding that these photographs might include them and might be used in College publications and for publicity.

Student Rights & Responsibilities

Drug Free Schools and Campuses

Drug and alcohol abuse is known to cause many health risks that could prevent persons from attaining their full physical and mental potential. Consequently, Yavapai College fully supports the intent of the Drug Free Schools and Communities Act Amendments of 1989. Yavapai College will provide a drug and alcohol-free environment for its employees and students. On campus possession or consumption of alcoholic beverages or intoxication by any person is prohibited. The manufacture or cultivation, distribution, dispensing, possession, or use of any type of controlled substances (including, but not limited to, barbiturates, opiates, marijuana, amphetamines, or hallucinogens) or aiding in the use of such by any persons is prohibited. Information regarding: 1) the laws governing the distribution, use and possession of drugs and alcohol; 2) the health risks associated with substance abuse, and; 3) education and prevention services and programs may be found in the Clery Report at: <https://www.yc.edu/v6/college-police/clery.html>. The Clery Report is released each October for the previous 12 months, and is compiled by the Office of Campus Safety.

Student Rights & Responsibilities

Harassment

Yavapai College maintains a Zero Tolerance policy for unlawful or discriminatory harassment. The College is committed to creating a harassment-free environment for all employees and students. Necessary action will be taken to prevent, correct, and if needed, discipline persons whose behavior violates this policy. Disciplinary action may result in measures up to and including termination of employment or expulsion from enrollment.

Student Rights & Responsibilities

Skills Assessment, Advisement and Placement Policy

Yavapai College believes that correct course placement is a powerful factor in student retention and success. Therefore, the college requires assessment of competency in reading, writing and mathematics.

Skills Assessment

We want students to be successful at Yavapai College. Enrolling in courses that are appropriate to the student's level of preparation is an important step on the road to success.

The skills assessment helps students to identify strengths as well as where development is required to provide a strong foundation prior to enrolling in college-level courses. The results will guide students in the right direction to complete their educational goals without taking courses which they don't need, and/or taking courses for which they are not prepared.

The skills assessment is not an admission test. When students meet with their academic advisor, they will also review other evidence of college readiness, such as high school transcripts, ACT or SAT scores, and copies of transcripts from other colleges/universities that the student has attended.

Reading Proficiency

All students enrolling in any course that has designated the prerequisite of Reading Proficiency, must demonstrate proficiency in reading by passing a reading assessment or by meeting another measure. The English/Reading placement chart is posted on the Yavapai College Testing Services website at www.yc.edu/testingservices. Students not meeting a measure as listed in the chart will be required to complete ENG 095 before enrolling in these courses.

Math and English Skills Assessment

Students who intend to take English, math or certain general education courses for the first time are required to take the English, reading and math skills assessment prior to enrollment (there are several measures for meeting these requirements). Students should begin in the course(s) in which they place in their first semester and continue to enroll in the course in which they qualify until the college requirements are satisfied. See specific degrees for applicable course sequencing.

Student Rights & Responsibilities

Standards of Academic Progress

The College has a process by which a student who experiences academic difficulty may receive assistance to improve academic performance and progress toward educational goals. Unsatisfactory academic progress is indicated by academic warning, academic notice, and academic suspension.

In order to plan a program of study and create an awareness of College resources which will assist a student's return to satisfactory academic standing, a student who has made unsatisfactory academic progress must meet with an academic advisor. Academic advisors may limit the number of credit hours a student may enroll in, require developmental classes, or recommend other resources that may assist the student.

In order for a student to be removed from academic warning or academic notice status, the student must attain academic good standing (2.00 Cumulative GPA). A student's academic status will be determined at the end of each semester. The student who has made unsatisfactory academic progress will receive written notification at the end of the semester.

The academic standards categories and resulting status of students are listed below.

Academic Warning:

A student who has attempted 12 credits or more and earned a cumulative GPA of less than 2.0 is placed on Academic Warning (AW).

A student on academic warning (AW) may continue attending school as long as the student maintains a semester GPA equal to or greater than 2.0, based on attempted credits.

The academic warning (AW) standing will remain in effect until the cumulative GPA meets or exceeds 2.0, at which time the academic warning (AW) standing is removed.

Academic Notice:

If a student on academic warning (AW) earns less than 2.0 semester GPA in the subsequent semester, based on attempted credits, the academic warning (AW) standing converts to academic notice (AP).

A student on academic notice (AP) may continue attending school for up to two subsequent semesters. During the first semester on academic notice (AP), the student must achieve a semester GPA of 2.0 or above. During the second semester of academic notice (AP), the student must achieve a cumulative GPA of 2.0 or above.

Academic Suspension:

If the student on academic notice (AP) does not meet the above requirements, the academic standing converts to academic suspension (AS) and the student will be suspended from Yavapai College.

Petition for Reinstatement

A student who has been placed on academic suspension may petition to the Dean of Students (or designee) in writing, stating the reasons why the academic status and stated restrictions should be waived or changed. A petition will be considered after a minimum one semester waiting period. The petition is to be submitted at least one week prior to the semester for which enrollment is requested. If reinstatement is approved, the student will be placed on academic probation (AP) and progress will be reviewed at the end of each semester. The decision of the Dean of Students (or designee) is final.

Student Rights & Responsibilities

Student E-Mail Accounts

Yavapai College requires enrolled students to have an e-mail address to which official College communications can be sent. In the interest of effective communications management, this address will reside on the College maintained e-mail system. *Students are expected to check their Yavapai College e-mail account prior to the first class meeting and at least once a week during the semester.*

If you have questions regarding your student e-mail account, contact the Yavapai College Help Desk at 928.776.2168 or 800.922.6787 X2168.

Student Rights & Responsibilities

Academic Complaints

Visit www.yc.edu/academiccomplaints for additional information and to submit the appeal.

Policy Number: 3.16

Title: Student Appeal of Academic or Instructional Decisions by Faculty

Procedure - [Student Appeal of Academic or Instructional Decisions by Faculty Procedure, 3.16.01](#)

- **Appeal Requirements**

1. A student may appeal an academic or instructional decision by faculty if they believe the decision was made in error.
2. The appeal must be made in a timely manner in accordance with the established procedures documented below.
3. A student may only appeal a decision that affects him/her directly and must represent themselves in the appeal process.
4. The appeal of an academic or instructional decision requires documentation that the decision was incorrect.

- **Appeal Procedure**

Step 1 - The first step in the appeal process is for the student to contact the faculty member who made the academic or instructional decision.

- This contact must be made within 10 business days of the official notification date of the decision.
- For appeals concerning a final grade, official notification is considered to be the date the grade is posted to the student's permanent record.

Step 2 - In the event the faculty member and student are unable to reach a mutual agreement within ten (10) business days, the student may then appeal to the appropriate Associate Vice President (AVP) and/or Dean.

- The appeal to the AVP and/or Dean must be made within 10 business days in writing using the official form, "Academic or Instructional Decision Appeal to the AVP and/or Dean." All documentation supporting the reason for the appeal must be provided at the time the appeal is submitted.
- This appeal must succinctly describe the issues involved, evidence that an error was made, and any relevant information. Missing, incomplete or erroneous information may cause the appeal to be rejected.

Step 3 - The AVP and/or Dean will review the student's appeal and make a decision based on the documentation provided by the student, the faculty member, and other relevant information that may include meetings with appropriate individuals.

- The AVP and/or Dean's investigation and decision must be concluded within 10 business days of the date the student appealed the decision to the Dean.
- The AVP and/or Dean will provide written documentation of the decision to the student and faculty member.
- The decision of the AVP and/or Dean is final.

Non-Academic Complaints

The Yavapai College process for non-academic complaints is to be used for issues other than disciplinary or academic matters and provides students protection against unwarranted infringement of their rights. A non-academic student complaint may concern an alleged violation of college policies, infringement of student rights, and other such problems dealing with students, college staff and faculty, and authorized college activities. Students may submit a Formal Statement of Student Complaint here: <https://www.yc.edu/v6/student-services/nonacademic.html>

The following procedures will be followed to insure an appropriate resolution of a student nonacademic complaint at the lowest possible level:

1. The student will attempt to rectify the complaint with the person or party directly involved in the alleged violation within ten (10) college business days. For the purpose of this policy, a "business day" shall be a weekday during which regular classes are being held at the college. Every effort will be made to resolve the complaint at the lowest possible level.
2. Where resolution is impossible or unsatisfactory to either party, the student should appeal to the appropriate supervisor within ten (10) college business days. The supervisor will informally discuss the matter with the student in an effort to resolve the complaint.
3. If the student feels the complaint has not been resolved, they may submit a written complaint to the Dean of Students within ten (10) college working days from the time the complaint was filed at the previous level. The Dean will work with all parties involved to mediate the complaint in a timely manner. In order to mediate the complaint, the Dean may engage faculty or staff members relevant to the complaint in an informal discussion. The decision of the Dean of Students regarding a non-academic complaint is final.

Distance Education students outside of Arizona, after completion of the institution's internal complaint process, may appeal SARA related complaints to the [Arizona Community College Coordinating Council \(AC4\)](#).

The Arizona SARA Council has jurisdiction over Arizona SARA approved institutions regarding non-instructional complaints for distance education students. Upon completion of the institution's and AC4's complaint process, a student may register a complaint with the Arizona SARA Council. Visit the [AZ SARA Complaint Process website](#) for more information.

For students who are residents of states outside of Arizona, consumer inquiries also may be directed to the following [Consumer Protection Agency](#) of the state in which they reside.

Students can view the [State Authorization](#) website for more information.

Student Rights & Responsibilities

Student Success: A Shared Responsibility

Becoming a successful student involves taking responsibility for your own experience at Yavapai College. Your college success can be measured not only in terms of acquiring skills and knowledge, but also through personal growth and development. Certain factors will contribute to your success, such as:

- Having clearly defined goals
- Knowing your skill levels
- Being aware of campus resources to support your efforts
- Recognizing that you are continually changing and growing as a person

Student Affairs staff share in the responsibility for your success by fostering an environment where your needs in each of these areas can be addressed. Working with our team of support personnel and other College resources, you will get the maximum benefit from your experience at Yavapai College. Establish your relationships with Student Development staff members early in your college career. We are committed to sharing in the responsibility for your success.

Click the graphic below to download the PDF version.

Student Rights & Responsibilities

Title IX Policy Statement

Title IX of the Education Amendments Act of 1972 provides that: "No person in the United States shall, on the basis of sex, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any education program or activity receiving Federal financial assistance." Title IX - 20 U.S.C. § 1681. Yavapai College prohibits discrimination on the basis of sex in admissions, recruitment, education, employment, enrollment, as well as in the provision of all services, programs and activities. Consistent with these values and applicable laws, Yavapai College maintains a comprehensive program designed to protect members of the College community from discrimination on the basis of sex or gender. Yavapai College also prohibits retaliation against any person opposing discrimination or participating in any discrimination investigation or complaint process internally or externally. Reports of sexual harassment, sexual misconduct, questions regarding Title IX, and concerns about noncompliance should be directed to the Title IX Coordinator. For a complete copy of the policy or for more information, please contact the Title IX Coordinator, Monica Belknap at Monica.Belknap@yc.edu, 928-776-2211.

Alternatively, or in addition to the College Title IX Coordinator, inquiries may be directed to the U.S. Department of Education's Office for Civil Rights, the federal agency charged with enforcing compliance with Title IX:

Arizona State Local Office for Civil Rights Denver Office

U.S. Department of Education

Cesar E. Chavez Memorial Building

1244 Speer Boulevard, Suite 310, Denver, CO 80204-3582

Phone: (303) 844-5695 | Fax: (303) 844-4303 | Email: OCR.Denver@ed.gov | Web: <http://www.ed.gov/ocr>

Please visit the College webpage at <https://www.yc.edu/T9> for more information about Title IX.

Student Rights & Responsibilities

Tobacco Use Policy

Yavapai College is committed to limiting exposure to the harmful effects of primary and secondary smoke to campus students, visitors, and employees. In order to reduce the harmful effects of tobacco use and to maintain a healthful working and learning environment, the College prohibits smoking, including vaping, on all campuses except in designated smoking areas as per the [Smoking & Tobacco Use Policy](#) (10.09).

Student Rights & Responsibilities

Visitors and Guests in Class

An enrolled student may occasionally bring a guest to class, upon permission of the instructor. Guests who wish to visit frequently will be denied entrance to the class unless they register officially for the class. Safety considerations or disruption of instruction may require that guests not be permitted to attend a class.

Academic Success, Advising, Social Services and Wellness Support

Students start their journey with an assigned Enrollment Advisor to help them navigate their first semester at Yavapai College. From the start, students will have the support they need to understand their next steps, from completing their financial aid file, identifying academic and career goals in order to select the best program, or helping research the local job market or university for transfer. After completion of their first semester, students are transitioned to their Retention Advisors to help them stay on track through the completion of their academic goals and beyond.

Advisors also assist students in adjusting to college life and in developing skills for success as a student's go-to resource to work through issues, providing information, resources, and referrals. Advisors provide support to students during their entire college experience.

Academic Advising is required for students who meet any of the following criteria:

- Student athletes
- International students
- Majors in nursing, paramedicine, aviation, radiologic technology, gunsmithing, commercial driving training
- Financial aid recipients who have need to file an appeal
- Students seeking to take more than 18 credits in one semester

Students in these categories who wish to register must first consult with an academic advisor. To request an appointment with an academic advisor, students can call 928.776.2106 or 928.634.6510. Additional information can be found at www.yc.edu/advising or can be requested by email: advising@yc.edu. Advising services are available at Prescott, Verde Valley, Career and Technical Education Center, Chino Valley and Prescott Valley.

Social Services & Wellness Support

Yavapai College provides social services and wellness support to help students navigate challenges that may affect their success. Support includes connections to mental health counseling and crisis resources, as well as assistance with basic needs such as food access, housing stability, transportation, and health insurance navigation. Students experiencing stress, life transitions, or barriers to meeting essential needs are encouraged to seek support.

For Basic Needs support, visit www.yc.edu/basicneeds.

For Mental Health and Wellness support, visit www.yc.edu/wellness

Student Resources

Adult Basic Education

ABE (Adult Basic Education) provides adults with an opportunity to improve basic skills necessary to:

- Obtain a GED/HSE
- Academic readiness for career and college
- Pursue further education
- Get or keep a job
- Help their children achieve in school
- Participate more effectively in the community
- Learn English as a second language

Free ABE classes, funded by the Arizona Department of Education, are open to adults age 16 or older and who are eligible for services. The following classes are available:

- **GED/HSE Study Program:** GED/HSE stands for General Educational Development and is a way for adults to earn a high school equivalency diploma.
- **Basic Skills Enhancement:** Sometimes adults who have a high school diploma find that they need to learn new reading, writing, or math skills.
- **ESOL:** English for Speakers of Other Languages is for immigrants and refugees who are permanent residents of the United States. Classroom activities are designed to help adults adapt to a new culture and improve their English skills in the areas of speaking, listening, reading and writing.

ABE Transitions Program

The ABE Transitions Program serves students enrolled in the college's Adult Basic Education (ABE) program. Specialized services designed to help students transition into college or career training programs are offered. The program is open to all current or former GED/HSE and ESOL students.

Components of the program include:

- Assistance with the college admission and application process
- Academic advising and course registration assistance
- Workshops and trainings focusing on career exploration, goal setting, financial aid, and technology enrichment
- Field trips to Arizona colleges and universities
- Scholarships based on special eligibility

For more information, call 928.717-7357.

Student Resources

Bookstore Purchases

The Yavapai College Online Bookstore

Students can purchase or rent required textbooks and can purchase reference materials, supplies, and Yavapai College clothing and gifts at the online Yavapai College Bookstore at www.yc.edu/bookstore. Questions? Call 928.717.7777 for assistance.

Student Resources

College Honors Program

YC HONORS

The YC Honors fosters academic, personal, and professional growth for students with a GPA of 3.25 or higher across their college coursework and high school graduation. Participants engage in enriching courses that enhance critical thinking and collaborate with distinguished faculty, while also benefiting from mentorship, leadership opportunities, and financial support a course scholarship. With a requirement to enroll in at least one honors course each semester, students gain special recognition on transcripts and diplomas, along with access to networking events and extracurricular enrichment. Once admitted, students maintain their status by upholding eligibility, ensuring a continuous journey of academic excellence and community engagement. Students are admitted twice a year. For more information and to apply, visit www.yc.edu/honors.

PHI THETA KAPPA

Yavapai College is home to the award-winning Beta Gamma Pi chapter of Phi Theta Kappa (PTK), an international honor society for two-year colleges and academic programs. As the largest honor society in American higher education, PTK boasts over two million members and more than 1,200 chapters across all 50 states and abroad. The organization emphasizes its four cornerstones: Scholarship, Leadership, Service, and Fellowship. Members learn undergraduate research skills, engage in leadership and service, and develop fellowship with peers. Additionally, student members have the opportunity to receive competitive scholarships when transferring to their chosen universities, further enhancing their educational journey.

More information about the program is available on the PTK website at <http://www.yc.edu/ptk>.

Student Resources

College Police

Arizona Revised Statutes recognize Yavapai College Police Department (YCPD) officers as peace officers, providing them with full enforcement authority in the State of Arizona. YCPD officers are commissioned under the authority of the Yavapai College District Governing Board with jurisdiction of all campuses and property owned and/or utilized for educational purposes by Yavapai College approved by the District Governing Board.

Yavapai College Police Department (YCPD) services include:

- Responding to emergencies on campus
- Investigating traffic accidents
- Investigating crimes and violations of college policy
- Delivering emergency messages in the event of a threat or critical incident response
- Victim Advocacy: Assisting victims of crime with crime reporting, obtaining an Order of Protection/Injunction Against Harassment, assisting with SANE/Strangulation exam appointments, accompaniment to court, assistance navigating the legal system, obtaining resources, etc.
- Patrolling and monitoring the campus grounds for intrusion, fire, criminal activity and hazardous conditions on all 6 campuses/centers
- Traffic control and sign placement
- Providing security consultation to the campus community, to the Performing Arts Center, and to the public
- Monitoring fire alarms
- Maintaining lost and found
- Serving as a central location for campus safety information
- Providing crime prevention seminars and programs such as De-Escalation, Civilian Response to Active Shooter Events training, Rape Aggression Defense (women's self-defense) training, and Stop the Bleed
- Assisting with requested door locks/unlocks
- Assisting local Police agencies in the surrounding communities
- Participation in annual Tabletop scenarios in conjunction with YC Executive Leadership to prepare for a critical incident
- Hosting various events to bring awareness to Mental Health, Sexual Assault, and Domestic Violence

Campus Crime Reporting

The Yavapai College Police Department provides crime statistics for all campuses. These statistics can be obtained from the College Police Office, Student Affairs Office or on the **College Police website**.

Notification of college crime statistics is either mailed in post card format or sent by e-mail each year to currently enrolled students, faculty and staff. Prospective students are advised of the availability of the crime statistics through recruiters and also through the **College Police website**. Federal law, through the Department of Education, mandates that Yavapai College provide the college community with this information annually. The annual report is available on the **College Police website**, and also available for distribution at the College Police Department.

Student Resources

Disability Resources

The Mission of Disability Resources is to ensure qualified persons with disabilities equal access and reasonable accommodations in all Yavapai College's academic programs and activities.

Disability Resources provides services to students who qualify under the Americans with Disabilities Act, ADA Amendment Act 2008, and Section 504 of the Rehabilitation Act of 1973.

Students must self-identify and register with the Disability Resources office and provide required documentation verifying the nature and extent of their disability. The Disability Resources office is responsible for evaluating documentation and determining accommodation eligibility. All situations shall be considered on an individual, case-by-case basis.

Students requesting reasonable accommodations must do so by registering with Disability Resources in a timely manner, usually two to four weeks prior to the start of the semester. Without two to four weeks' notice, we cannot assure the timely availability of accommodations. The process of determining reasonable accommodations is collaborative among the student, Disability Resources staff and other college staff and faculty when necessary.

Assistance is available at all Yavapai College locations. Please visit our website at www.yc.edu/disabilityresources or call us at 928.776.2085 for more information.

Student Resources

Discover Yavapai Information Session

Discover Yavapai Programs are designed for students and families who are exploring their options for college. The program provides general information about Yavapai College, programs, and services. The agenda includes:

- General information session about admission, cost of attendance, degree programs, financial aid and residence life
- Campus tours, led by Student Ambassadors

This event is reservation only. To sign up, please go to www.yc.edu/tours.

Questions? Contact the Admission Office at 928.717.7777 or 928.634.6510.

Campus Tours

Yavapai College offers campus tours to prospective students and their guests. Take a campus tour and learn about our degree and certificate offerings, support services and get connected to the resources that will set you up for success! Visit www.yc.edu/tours to sign up for a tour with a Yavapai College Student Ambassador. Group tours are also available for local high school, middle school, and elementary school students. Group tours must be scheduled at least 2 weeks prior to the date you wish you visit. For more information, please contact the Admission Office at 928.717.7777 or 928.634.6510.

Student Resources

Financial Aid

Types of Aid

Our Financial Aid Office offers many opportunities from a variety of sources to help our students with their educational expenses. Federal aid from the Department of Education, like the Pell Grant, is the greatest source of aid. In addition, Yavapai College offers scholarships (separate application required). Details about federal and state aid, and YC Institutional and Foundation Scholarship programs can be found on the web at www.yc.edu/financialaid.

Ways to classify different types of financial aid:

Financial Aid you don't have to repay:

- Federal and State Grants
- YC Institutional Scholarships
- YC Foundation Scholarships
- Private and Corporate Scholarships
- Student Employment
- Native American Tribal Grants
- Veteran's Education Benefits

Financial Aid you do repay:

- Federal Subsidized and Unsubsidized Direct Student Loan
- Federal Direct Plus Parent Loan for Undergraduate Student
- Interest-free Online Payment Plan
- Private/Alternative Student Loans

General Eligibility Requirements for Federal Financial Aid

Eligibility requirements necessitate that you:

- Be a U.S. citizen or eligible non-citizen with a valid Social Security Number
- Demonstrate that you are qualified to obtain a post-secondary education by having a high school diploma, a General Education Development (GED) Certificate or home school completion equivalent.
- Enroll in an eligible program as a regular student seeking a Financial Aid approved degree or certificate
- Maintain satisfactory academic progress as outlined in policy How to Apply for Federal Aid The college uses the Free Application for Federal Student Aid (FAFSA) as its application for federal financial aid programs. Information from the FAFSA may also be used in determining eligibility for the YC Scholarship or other scholarship or grant programs.

The Process

- Apply for a FSA ID and Fill out your FAFSA at: www.studentaid.gov
- Complete and submit the 2026-27 FAFSA (to the Department of Education) and re-apply for every academic year. It's available online at www.studentaid.gov. Be sure to include the Yavapai College code: 001079.
- The 2026-27 FAFSA is currently available. The 2027-2028 FAFSA will be available October 1st, 2026.
- Check your YC email frequently. You will be notified by email when we receive your FAFSA results, instructing you to check your eligibility requirements by logging into the YC website, clicking on MyYC > Students > My Financial Aid. From there you can check for any additional, required documents, complete a YC Foundation Scholarship application and view your Awards.
- The 'Financial Aid Overview' is where you may view your awards, enrollment details and satisfactory progress information.
- The award amounts are disbursed after the add/drop period is over for the term or part of term you are enrolled in. It is applied to any outstanding charges you may still owe the college; any remaining balance at the time will be refunded to the student. Original award amounts are based on a **full-time** student enrollment assumption. Awards will be adjusted based on your actual enrollment in courses pertaining to your degree (CPOS) or certificate. Please note that enrollment in part of term classes or short-term classes may affect your Financial Aid award and refund timelines. Also, new for 2026-27 dropping classes in one term may affect the amount of your loan eligibility in the following term.

Check with your Financial Aid Advisor if you have questions.

Satisfactory Academic Progress Required for Federal Aid Recipients (SAP) Federal regulations require that financial aid students maintain Satisfactory Academic Progress (SAP) toward an eligible degree or certificate program.

Satisfactory Academic Progress Required for Federal Aid Recipients (SAP)

Federal regulations require that financial aid students maintain Satisfactory Academic Progress (SAP) toward an eligible degree or certificate program.

SAP Standards include:

- Minimum cumulative grade point average of 2.0;
- Rate of Progression 66.67% or greater within a Maximum time frame of 150% for completion of a degree or certificate.

Withdrawal/Repayment Policy for Federal Financial Aid Recipients

Students who withdraw from ALL of their classes will have their financial aid reevaluated to determine the amount of aid that has been earned, and any unearned aid will be required to be paid back. Please note that this repayment calculation will be determined for students who follow official withdrawal procedures as well as for students who stop attending classes. For further details consult your financial aid advisor and/or the Withdrawal/Repayment Policy for Federal Financial aid at: www.yc.edu/v6/financial-aid/policies.html. We strongly suggest that you contact Financial aid prior to withdrawing to see what affect your withdrawal may have on aid already received.

Food Services for Residence Hall Students

Yavapai College food service offers a wide variety of meals based on a food court concept. Residence Hall students are required to purchase a meal plan. Meal plans guarantee a specific number of meals each week for the student. Roughrider Dollars are also available to supplement the meal plan. Meal plans and prices are subject to change. For further information regarding rates or plans, consult the Residence Life website at www.yc.edu/residencelife or call 928.776.2220.

Meal Plan Refund Policy

1. Changes in the meal plan will not be permitted after the first two weeks of the semester. Meal plan cycles begin on Friday and end on Thursday.
2. Meal plan refunds are given on a weekly pro-rated basis.

Student Resources

Housing

Food Services for Residence Hall Students

Yavapai College food service offers a wide variety of meals based on a food court concept. Residence Hall students are required to purchase a meal plan. Meal plans guarantee a specific number of meals each week for the student. Roughrider Dollars are also available to supplement the meal plan. Meal plans and prices are subject to change. For further information regarding rates or plans, consult the Residence Life website at www.yc.edu/residencelife or call 928.776.2220.

Housing

Yavapai College offers two co-ed Residence Halls, totaling 220 students. Each hall has laundry facilities, Wi-Fi, cable in the communal areas, and private bathrooms in each room. Rooms are single gender. The halls include a common kitchen area, study rooms, a pool table, a ping pong table, a sand volleyball court, and a basketball court. Applications are accepted until all bed spaces are full and taken on a first-come-first-placed basis. Family Housing is not available.

Housing Reservations

Reservations are secured by the Office of Residence Life upon receipt of all required materials, including non-refundable processing fee, providing rooms are still available. Completed applications received after all spaces are filled will result in students being notified of their placement on a waiting list. Students who do not want to be on a waiting list may cancel their request and should refer to the contract and/or Residence Life Handbook for important dates and deadlines regarding partial refunds, if applicable. Yavapai College Residence Halls are drug and alcohol free.

Student Resources

Tutoring Services

Tutoring Services

The mission of Tutoring Services is to support student success by providing accessible, high-quality academic help in a welcoming environment that builds confidence and encourages independence and lifelong learning.

Our Services:

- **In-Person & Zoom Drop-In Tutoring, with Appointment Options for Select Subjects** - Available for English, math, and other select subjects.
- **In-Person & Zoom Appointments for Basic Canvas & MS Office Training**- Learn the fundamentals of Canvas and receive assistance with MS Office applications.
- **Online Writing Tutor:**
 - Submit your writing assignment for feedback, with a 48-hour turnaround time. *Assignments submitted on Fridays will be reviewed the following Monday.*
- **Technology & Study Spaces:**
 - Computer stations and laptops equipped with essential academic software.
 - Private and group study rooms are available by reservation, with the option to book immediately or up to two weeks in advance.
- **Workshops & Resources:**
 - Synchronous and asynchronous workshops on test-taking strategies, study skills, and AI tools are offered throughout the semester.
 - Study Tools Guide that connects students to valuable academic resources, including YC's Grammarly access for writing assistance and LinkedIn Learning for skill development.

Visit the **Tutoring Services website** for details on hours, tutoring options, workshops, and additional resources. www.yc.edu/tutoring.

Student Resources

Library Services

Library services are available to all Yavapai College students, faculty and staff as well as open to the public. The libraries support all YC-related classes. Yavapai College students can access library services, resources, hours of operation and more at our website (www.yc.edu/library). Library staff assistance is available in person, by phone at 928.776.2260 (Prescott) and 928.634.6541 or use our Ask a Librarian service on our website.

Physical libraries are located on the Prescott (Building 3) and Verde Valley ("M" Building) campuses. Both libraries are members of the Yavapai Library Network. Yavapai College students have access to more than one million items through the 40+ member Yavapai county libraries.

Other services and resources:

- Computers and printers
- Laptops (Students only)
- Hotspots (Students only)

- Wireless access
- Virtual Reality training
- More than 323,000 full-text e-books
- Subject-specific and general interest article databases
- 24/7 access to millions of online magazine and newspaper articles
- Individual and class support for research projects
- Study rooms for group use
- Library instruction for YC classes
- Quiet study space
- Individual and group media viewing facilities
- Interlibrary loan services
- Government documents (Online or Prescott campus only for print)
- Requested items are available 24/7 via After-Hours Pickup Lockers
- Culture Pass - free tickets to various arts and culture treasures such as museums, arboretums, zoos, etc.

Borrowing information:

- YC students can obtain a library card by presenting a photo ID and proof of current enrollment at Yavapai College.
- YC faculty and staff can obtain a library card by presenting a photo ID and proof of current employment at Yavapai College.
- Community patrons can obtain a library card by presenting a photo ID that includes their current Yavapai county address or a photo ID with proper paperwork confirming Yavapai County residency.
- Any Yavapai Library Network card is valid to use in the library.

Student Resources

Mail Center

The Mail Center is located in Building 7, Room 101B and offers shipping services via US Mail (including stamps), UPS, and FedEx. Faxing, notary services and limited shipping supplies are also available. Residence Hall students receive incoming mail and packages through the lockers in building 3 next to The Eatery. For more information: www.yc.edu/mailcenter.

Student Resources

Osher Lifelong Learning Institute (OLLI)

The Osher Lifelong Learning Institute is a membership organization designed for adult learners 50 years and older. The purpose of the institute is to provide OLLI students with educational, social and cultural experiences. It features collaborative leadership and active member participation. For more information call 928.717.7634 (Prescott/Prescott Valley) and 928.649.4275 (Sedona/Verde Valley).

Student Resources

Payment Plan

Yavapai College offers an interest-free, automated monthly payment option to help you meet your education expenses. There is a refundable \$25 application fee required per semester. Payments can be set up through automatic withdrawals from your checking or savings account or can be charged to a credit card account. This is available by logging onto the YC website and selecting My Service, Students, My Bills and Payments, Payment Plans. Contact the Business Office or Financial Aid Office for additional details: 928.776.2124.

Student Resources

Regional Economic Development Center (REDC)

The Regional Economic Development Center (REDC) at Yavapai College promotes economic development and growth in the region by supporting new, existing businesses and helping to create a skilled and well-trained workforce. The REDC takes an innovative approach and acts as the ambassador for:

- Workforce training programs
- Workforce and job connections
- Business and industry growth
- Innovation and economic research

More details are available at <http://www.yc.edu/REDC>.

Student Resources

Small Business Development Center (SBDC)

The Yavapai College SBDC (housed in the Regional Economic Development Center) is a resource for small business owners and entrepreneurs, helping them start, grow, and expand their enterprises. Through the SBDC, expert Business Analysts offer no cost, confidential consulting and coaching services in financial forecasting, management excellence, marketing, business planning, strategic planning, and access to capital among other topics. The SBDC also provides no cost trainings and workshops on a variety of business and financial topics, as well as access to an array of business tools, business planning software, and other resources that support business of all sizes and in all stages. For more information visit the SBDC website at <http://www.yc.edu/SBDC> or call (928) 717-7232.

Student Resources

Student Employment Services

Student employees gain crucial preparation for the competitive job market through career-enhancing opportunities. To be eligible for on-campus jobs, students must be currently enrolled in at least six credit hours and must complete a FAFSA application.

Students can find on-campus jobs, community service positions in area schools, and special Community Service Federal Work-Study jobs off campus, all of which give students an opportunity to earn money and to gain valuable skills in a number of career-related environments.

For more information regarding student employment, go to: www.yc.edu/studentjobs, email studentemployment@yc.edu or call the Student Employment office at 928.776.2081.

Student Resources

Student Engagement and Leadership

The office of Student Engagement and Leadership (SEL) programming supports and cultivates an environment that facilitates student success through education, discovery, engagement and leadership growth opportunities.

SEL supports district-wide student activities, clubs, and special events that enhance the quality of student life on all campuses/centers. Through Ruff's House (Virtual Student Union) SEL connects with YC students 24/7.

For more information, call 928.776.2125 or visit our website at www.yc.edu/SEL.

Prescott Campus Office: Building 3 Suite 125

Verde Valley Campus Office: Building F

Student Resources

Student OneCard

The YC OneCard is your multipurpose mobile student ID. Current YC students, faculty and staff can add their OneCard to their Apple Wallet or Google Pay, and use their smart phone and Apple Watch around campus. By simply placing your phone or Apple Watch near a reader where physical campus IDs are accepted, you can enter residence halls, CTEC buildings, buy lunch, print documents, and more based on your current permissions. Flexicash and local discounts available with your YC ID. More information and a list of discounts is available at www.yc.edu/OneCard.

OneCards are required for:

- Meal plan privileges, flexi-cash debit card privileges, and certain classes and class locations.
- Physical Photo ID cards may be obtained if you are part of the nursing or allied health programs. They will be shipped to the address we have on file. Physical ID cards expire three years after the issue date.

Student Resources

Student Printing at Yavapai College

Yavapai College offers a pay-for-print solution for students. The only method of payment accepted for prints, copies or scans is Flexicash. Funds can be added in the student portal. See student printer locations and instructions at <http://www.yc.edu/mailcenter> under "Print Services."

Student Resources

TRIO Programs

TRIO Student Support Services Program (SSS)

The SSS Program is part of a set of college opportunity programs funded by the U.S. Department of Education designed to motivate and support eligible students in their pursuit of a college education. General eligibility criteria are based on low-income status, first generation college attendance, and/or disability. Other eligibility requirements for program participation may apply.

TRIO Student Support Services (SSS) mission is to encourage and assist eligible students through graduation and/or transfer from Yavapai College.

Free services offered to students accepted into the program include:

- Extended academic advising and university transfer assistance
- Individual tutoring and peer mentoring
- Assistance with financial aid, scholarships, and other resources
- Career exploration and planning
- College success skills and leadership development
- Fieldtrips for cultural and learning enrichment and university visits
- And more

For more program information visit www.yc.edu/sss, email sss@yc.edu, or call 928.776.2084.

Student Resources

Veterans Education and Transition Services (VET Services)

Individuals eligible to receive Veterans Administration (VA) education benefits must complete and submit all required VA and Yavapai College documents to VET Services. Processing may take weeks, so early planning and class registration is highly recommended. Note: Students seeking to use Military Tuition Assistance (TA) as a method of payment should contact the Bursar's Office at 928-776-2138 or bursar@yc.edu. Information about TA can be found online at www.yc.edu/bills.

To begin using a VA education benefits at Yavapai College, the student must submit a signed VET Services Start-Up application and a Certificate of Eligibility (COE) for the specific VA education benefit to be used. In addition, an online written request is required from the student each semester upon registering for classes to indicate their intent to use their benefits. Instructions can be found at www.yc.edu/veterans.

Students using VA education benefits are eligible to sign up for an interest-free payment plan each semester to defer the cost of tuition, fees and books. They may also be eligible for other types of financial aid such as Pell Grant and scholarships, and are encouraged to apply through the Free Application for Federal Student Aid (FAFSA). Instructions for the Veterans Payment Plan are available by logging into the MyYC student portal.

In accordance with 38 USC 3679(e), students using a benefit under Chapter 31 or Chapter 33 will not be penalized for failing to meet their financial obligations to the college as a result of a delay in VA payments to the school for benefits-payable costs. Students are otherwise responsible for making payment according to their Veterans Payment Plan and other applicable college policies.

Important guidelines for using VA education benefits:

- VA education benefits may only be used for classes that fulfill requirements on an approved degree or certificate program. Rare exceptions may exist for students using benefits under Chapter 31 Veteran Readiness and Employment (VRE). In addition, special rules may be applicable to specific programs of study, in accordance with VA and state regulations.
- VA requires students to order an official transcript from each college, university, and technical school previously attended, and from their military branch. Official transcripts must be sent directly from each school to Yavapai College Office of the Registrar, 1100 E. Sheldon Street, Prescott, Arizona, 86301.
- Students must maintain good academic standing in accordance with Yavapai College Standards of Academic Progress.
- A student may be required to repay an overpayment of benefits to the VA resulting from repeated courses (previously completed at YC or through transfer credit) or for withdrawn courses. When in doubt about a particular situation, it is important to consult VET Services proactively to avoid potential benefits overpayment.
- Students should immediately notify VET Services of any enrollment changes to avoid or minimize potential benefits overpayment. After the start of the term, consultation with VET Services before making schedule changes is strongly recommended.
- Taking classes of varying lengths can impact a student's benefit payments over the course of the semester. VET Services staff are available to help students plan classes for consistent monthly benefit payments where possible.

Free college prep courses are available to veterans and military-affiliated students seeking to refresh or improve their academic skills without affecting their remaining benefits entitlement. Core academic subjects including mathematics, writing, and reading-provided by the Adult Basic Education program-are designed to prepare students for college-level coursework. Interested students should contact VET Services at www.yc.edu/veterans to discuss individual needs for these and other services.

Section 702 of the Veterans Access, Choice and Accountability Act enables covered individuals (veterans and/or family members) to be eligible for in-state tuition rates. Visit the VA's website at: <https://www.va.gov/resources/in-state-tuition-rates-under-the-veterans-choice-act/>.

For more information call 928.717.7613, email vet.services@yc.edu, or visit online at www.yc.edu/veterans.

Student Resources

Workforce Training

By providing highly trained individuals ready to enter the workforce and excel in their area of expertise, Yavapai College graduates are proof of economic development in action. From Law enforcement officers, paramedics and firefighters to nurses and technical trade workers, YC serves the community by adding to its civil and economic security.

Student Resources

Yavapai College Scholarship Opportunities

Yavapai College Scholarship Opportunities

Yavapai College offers a wide variety of scholarships based on athletics, academic performance, financial need, area of study, or other criteria. Scholarship awards range from \$100 to \$4000. To apply for the majority of scholarships, only one application form is required. The YC Foundation application is available the beginning of December each year, by logging onto the YC website and selecting Students > My Financial Aid. The deadline is May 1st for the following Fall. For detailed information regarding Yavapai College and other scholarship opportunities, students may visit our website at www.yc.edu/financialaid.

All Programs

Stage and Media Production Certificate

General Information

Program Description

The Stage and Media Production Certificate provides hands-on training in the creative and technical skills needed to produce high-quality live and recorded content for theater, film, television, and digital media through practical experience.

Credit Hours

36

Program Requirements

Simple Requisites

<p>Program Requirements</p> <p>Required Courses</p> <p>Type Completion Requirement</p> <p>Total Credits: 36</p> <p>Complete ALL of the following Courses:</p> <ul style="list-style-type: none">• FMA100 - Animation Principles OR FMA113 - Stop Motion Animation• FMA102 - Film and Media Production• FMA103 - Screenwriting I• FMA107 - Post-Production• FMA110 - Pre-Production• FMA116 - The Business of Content Creation• FMA117 - Cinematography and Lighting OR FMA218 - Directing for Stage and Media• FMA138 - VFX and Motion Graphics• FMA139 - Fundamentals of Video Editing• FMA150 - History of American Cinema• FMA160 - Lighting Design for Stage and Media• FMA161 - Sound Design for Stage and Media
--

Program Learning Outcomes

Program Learning Outcomes

Upon successful completion of the Film and Media Production Certificate program, the learner will be able to:

1. Exhibit a working knowledge of filmmaking equipment.
2. Produce content with motion graphics and animation.
3. Write, produce, and edit a short media production.
4. Utilize team building techniques.
5. Exhibit a working knowledge of the business of content creation.

Associate of Arts

General Information

Program Description

The Associate of Arts (AA) degree is often focused on liberal arts, humanities, or social and behavioral science disciplines. It provides a foundational education in a specific discipline such as English, History, Psychology, or Communication, and includes courses specific to a student's chosen field of study.

The Associate of Arts degree requires completion of 60 credit hours. This degree is designed to enable a student to transfer to a baccalaureate-granting institution. Students following this degree program will complete university-parallel requirements in general education that will fulfill all lower division general education requirements at the Arizona universities. In addition, students will complete courses to fulfill lower division major and elective requirements in their program of study. Regular advisement is important to build an educational plan and ensure transferability of general education, elective, and major courses.

Students preparing to transfer to a baccalaureate degree program should contact an academic advisor in the major field of study at the transfer institution in addition to meeting regularly with an academic advisor at Yavapai College. Students may also wish to consult with a faculty member in their major field of study at both YC and their transfer institution.

Credit Hours

60

Program Notes

The Arizona General Education Curriculum (AGEC) is embedded in the Associate of Arts degree. Upon completion of all 32-35 credit hours of the AGEC with a grade of "C" or higher, the student will receive recognition of completion on the transcript and guaranteed transferability of the AGEC upon admission to one of the state universities in Arizona.

Program Requirements

Simple Requisites

Program Requirements

General Education Courses

Type

Completion Requirement

Total Credits: 32-35

Complete ALL of the following Requirement Set:

- Arizona General Education Curriculum (AGEC)

Major and Elective Studies

Type

Completion Requirement

Total Credits: 3

Earn at least 3 credits from the following:

- Communication Courses

Note: Could be satisfied as part of AGEC.

Total Credits: 22-25

Select courses according to your transfer goal or intended major to meet the 60 credit minimum. It is recommended that students choose from the following courses when completing this requirement: ACC, AGE, AGS, AJS, ANT, ART, ASL, BIO, BHS, BSA, CHM, CHP, COM, CSA, CSC, DAN*, DES, ECE, ECN, EDU, EGR, ENG, EXW, FMA, GEO, GLG, HIS, HUM, LDR, MAT (except MAT100 Technical Mathematics), MGT, MKT, MUS, NSG, NTR, PHE*, PHL, PHY, POS, PSY, REC*, REL, SOC, SPA, STU, THR, and VGD. *DAN, PHE and REC are limited to 4 activity-based credit hours each.

In addition to completing AGEC requirements, students should carefully choose courses that align with their transfer major and institution. [AZTransfer Major Guides](#) link associate's degrees to their related bachelor's degrees for majors that are offered by two or more of Arizona's public universities.

Note: Recommend five (5) 200 level courses as required for major

Additional Comments:

Transfer Resources

The following tools are provided to assist students who are planning to transfer to Arizona Universities.

[Majors & Degrees Guide - AZTransfer](#)

- Major guides link associate's degrees to their related bachelor's degrees for majors that are offered by two or more of Arizona's public universities.

[Course Equivalency Guide - AZTransfer](#)

- The Course Equivalency Guide (CEG) shows students how community college courses transfer to Arizona State University, Northern Arizona University, and University of Arizona. This guide can assist you when choosing your major and elective studies.

[ASU Transfer Admission Guarantee \(TAG\)](#)

- The Transfer Admission Guarantee, or TAG, helps you plan and complete your Arizona community college coursework to meet the lower-division course requirements for your ASU major. When you complete the TAG, you'll be on track and prepared for success in earning your bachelor's degree.

[NAU Jacks Path](#)

- Jacks Path allows you see the courses you can take at Yavapai College, how your credits transfer to NAU, your progress toward completing your NAU degree, and what you'll take at NAU to earn your bachelor's degree.

[UA Bridge Program](#)

- The UA Bridge program is a partnership between several Arizona community colleges and the University of Arizona that provides a clear path to pursuing your UA bachelor's degree.

Program Learning Outcomes

Program Learning Outcomes

Upon successful completion of the Associate of Arts, the learner will be able to:

1. Demonstrate effective written, oral, or visual communication for specific audiences in the context of the field of study.
2. Use field of study frameworks to investigate issues and/or solve problems.
3. Apply scientific concepts and methodologies within the field of study.
4. Interpret quantitative information and/or utilize mathematical concepts and techniques.
5. Examine how diverse perspectives impact the human experience within a field of study.

Associate of Arts in Elementary Education

General Information

Program Description

The vision for the Teacher Preparation Program at Yavapai College is one of a quality program that adapts to the dynamic needs of students, children, their families and the community.

The Elementary Education Program serves:

1. Students interested in pursuing careers in K-8 education.
2. Students who transfer to four-year degree programs in Elementary Education.
3. In-service teachers seeking to improve their teaching skills through additional coursework and/or professional development activities.

The Associate of Arts in Elementary Education degree requires completion of 61-62 credit hours. This degree is designed for students interested in elementary education who are preparing to transfer to one of the Arizona public universities to complete a baccalaureate program and qualify for an Arizona teaching certificate.

Students preparing to transfer to an upper-division baccalaureate degree program should contact an advisor in the major field of study at the transfer institutions in addition to meeting regularly with a faculty advisor and/or academic advisor at Yavapai College.

Regular advisement is important to build an educational plan and ensure transferability of general education, elective, and major courses.

Credit Hours

61-62

Program Notes

[Click to view Professional Licensure Disclosure](#)

The Arizona General Education Curriculum (AGEC) is embedded in the Associate of Arts in Elementary Education degree. Upon completion of all 34-35 credit hours of the AGEC with a grade of "C" or higher, the student will receive recognition of completion on the transcript and guaranteed transferability of the AGEC upon admission to one of the state universities in Arizona.

This program can be completed entirely online. Not all general education options or major and elective studies are offered online, however there will be a variety of online classes from which to choose in order to meet the requirements.

Program Requirements

Simple Requisites

Program Requirements

General Education Courses

Type

Completion Requirement

Total Credits: 34-35

Complete ALL of the following Requirement Set:

- Arizona General Education Curriculum (AGEC) for Elementary Education (AA)

Major and Elective Studies

Type

Completion Requirement

Total Credits: 27

Complete ALL of the following Courses:

- EDU180 - Education Technology: Teaching and Learning in a Digital Age
- EDU200 - Introduction to Education
- EDU210 - Cultural Diversity in Education
- EDU222 - Introduction to the Exceptional Learner
- EDU230 - Language and Literacy Experiences
- EDU240 - Family and Community Partnerships
- EDU242 - The Science of Reading and Structured Literacy Instruction in the K-5 Classroom
- MAT156 - Mathematics for Elementary Teachers I
- MAT157 - Mathematics for Elementary Teachers II

Program Learning Outcomes

Program Learning Outcomes

Upon successful completion of the Associate of Arts in Elem Ed, the learner will be able to:

1. Create a personal philosophy of education related it to a future career in education.
2. Present developmentally appropriate classroom activities intended to achieve specific student learning outcomes.
3. Analyze teaching styles as they relate to student learning styles.
4. Compare and contrast the concepts of multicultural education and its implementation in the public school classroom.
5. Examine how the concepts of equity and equal educational opportunity have evolved into educational policy.
6. Examine society's historical identification and treatment of exceptional children and youth.
7. Argue the relative effects of parents, siblings, peers, teachers, the community, and culture on child development.
8. Utilize technology to complete teaching tasks more efficiently.

Associate of Arts in Fine Arts

General Information

Program Description

The Associate of Arts in Fine Arts degree requires completion of 60-63 credit hours depending on the concentration selected. This degree is designed to enable a student to transfer to a baccalaureate-granting institution. Students following this degree program will complete university-parallel requirements in general education that will fulfill all lower division general education requirements at the Arizona universities. The AAFA degree will also allow students to declare a concentration in Visual Arts, Music, or Performing Arts.

Students preparing to transfer to an upper-division baccalaureate degree program should contact an advisor in the major field of study at the transfer institution in addition to meeting regularly with a faculty advisor and/or an academic advisor at Yavapai College.

Regular advisement is important to build an educational plan and ensure transferability of general education, major, and elective courses.

Credit Hours

60-63

Program Requirements

Simple Requisites

Program Requirements

Music Concentration

Type

Completion Requirement

General Education Courses - Total Credits: 35

Complete ALL of the following Requirement Set:

- Arizona General Education Curriculum (AGEC) for AAFA Music Concentration

Required Courses - Total Credits: 24

Complete ALL of the following Courses:

- MUS103 - Piano Class I
- MUS104 - Piano Class II
- MUS131 - Basic Integrated Theory I
- MUS132 - Basic Integrated Theory II
- MUS151 - Applied Music
 - OR MUS151A - Applied Music
 - OR MUS151B - Applied Music
- MUS203 - Piano Class III
- MUS204 - Piano Class IV
- MUS231 - Advanced Integrated Theory I
- MUS232 - Advanced Integrated Theory II

Elective Courses - Total Credits: 4

Earn at least 4 credits from the following:

- MUS101 - Private Music
- MUS105 - Voice Class I
- MUS110 - Concert Band
- MUS111 - Symphonic Band
- MUS113 - Big Band I
- MUS114 - Big Band II
- MUS115 - Instrumental Ensemble:

- MUS116 - Jazz Combo
- MUS117 - Symphony Orchestra
- MUS129 - Music Fundamentals
- MUS222 - Chamber Singers:
- MUS223 - Vocal Ensemble
- MUS224 - Master Chorale
- MUS225 - Community Chorale
- MUS227 - Treble Choir:
- MUS296 - Internship: Music

Performing Arts Concentration

Type

Completion Requirement

General Education Courses - Total Credits: 35

Complete ALL of the following Requirement Set:

- Arizona General Education Curriculum (AGEC) for AAFA Performing Arts Concentration

Required Courses - Total Credits: 11

Complete ALL of the following Courses:

- DAN110 - Ballet I
- THR131 - Acting I
- THR133 - Musical Theater I
- THR141 - Stagecraft

Elective Courses - Total Credits: 14

Earn at least 14 credits from the following:

- DAN114 - Jazz I
- DAN115 - Tap I
- DAN120 - Ballet II
- DAN151 - Applied Dance
- MUS134 - Singing for the Actor
- MUS151 - Applied Music
- THR132 - Acting II
- THR134 - Musical Theater II
- THR144 - Production Workshop Practicum: Costuming and Make-up
- THR145 - Production Workshop Practicum: Stage Management
- THR146 - Production Workshop Practicum: Set Building and Props
- THR147 - Production Workshop Practicum: Theater Production Crew
- THR150 - Theater Rehearsal and Performance
- THR151 - Scene Study for Actors
- THR160 - Lighting Design for Stage and Media
- THR161 - Sound Design for Stage and Media
- THR164 - Scenic Design for Stage and Media
- THR218 - Directing for Stage and Media

Note: THR 150 may be taken for a total of 3 credit hours.

Visual Arts Concentration

Type

Completion Requirement

General Education Courses - Total Credits: 35

Complete ALL of the following Requirement Set:

- Arizona General Education Curriculum (AGEC) for AAFA

Visual Arts Concentration

Required Courses - Total Credits: 18

Complete ALL of the following Courses:

- ART110 - Drawing I
- ART111 - Drawing II
- ART112 - Two-Dimensional Design
- ART113 - Three-Dimensional Design
- ART114 - Color
- ART139 - Fundamentals of Video Editing

Elective Courses - Total Credits: 9

Earn at least 9 credits from the following:

- ART120 - Ceramics I
- ART121 - Ceramics II
- ART137 - Adobe Photoshop I
- ART139 - Fundamentals of Video Editing
- ART140 - Jewelry I
- ART144 - Furniture and Woodworking I
- ART160 - Printmaking I
- ART182 - Welded Metal Sculpture I
- ART183 - Welded Metal Sculpture II
- ART190 - Oil/Acrylic Painting I
- ART191 - Oil/Acrylic Painting II
- ART194 - Watercolor I
- ART210 - Life Drawing I
- ART214 - Digital Illustration
- DES100 - Digital Design Studio

Note: The transferability of ART 137, ART 140, and ART 144 should be confirmed with the transfer institution. In the final term students are encouraged to select electives from their intended BFA studio concentration.

2. Use safe practices with appropriate equipment, tools and materials.
3. Exercise quality craftsmanship.
4. Utilize the formal elements and principles of design.
5. Analyze the formal elements and principles of design.
6. Synthesize the formal elements and principles of design.
7. Identify historical and contemporary examples of the Fine Arts and Crafts.
8. Create a fine arts portfolio.

Program Learning Outcomes

Program Learning Outcomes

Upon successful completion of the Associate of Arts in Fine Arts Degree - Music Concentration, the learner will be able to:

1. Perform at a required level of artistry and technical proficiency on an instrument.
2. Develop and perform a required level of music analytical competence.
3. Exhibit a required level of aural recognition.
4. Explain the historical and cultural development of music throughout the ages.
5. Communicate informed personal reactions to recorded and live music.

Performing Arts Concentration Program Learning Outcomes Upon successful completion of the Associate of Arts in Fine Arts Degree - Performing Arts Concentration, the learner will be able to:

1. Perform with an acquired level of analytical and artistic competencies.
2. Acquire performance skills and expertise through participation in music, dance, and theatrical classes and productions.
3. Collaborate in professional production settings.
4. Analyze historical and cultural influences on developments of music, dance, and theatrical productions.

Visual Arts Concentration Program Learning Outcomes Upon successful completion of the Associate of Arts in Fine Arts Degree - Visual Arts Concentration, the learner will be able to:

1. Articulate the creative process and influence of project development.

Associate of Business

General Information

Program Description

The Associate of Business degree requires completion of 61 credit hours. Although students often can enter a career field upon completion of the Associate of Business, this degree plan is primarily designed to provide the first two years of coursework to prepare students for transfer into a related upper-division baccalaureate degree program.

Credit Hours

61

Program Notes

Students preparing to pursue a baccalaureate degree program at Yavapai College or another institution should meet regularly with an academic advisor at Yavapai College.

This program can be completed entirely online. Not all general education options or major and elective studies are offered online, however there will be a variety of online classes from which to choose in order to meet the requirements.

Program Requirements

Simple Requisites

Program Requirements
<p>General Education Courses</p> <p>Type Completion Requirement</p> <p>Total Credits: 34</p> <p>Complete ALL of the following Requirement Set:</p> <ul style="list-style-type: none"> Arizona General Education Curriculum (AGEC) for Associate of Business (ABUS)
<p>Required Courses</p> <p>Type Completion Requirement</p> <p>Total Credits: 18</p> <p>Complete ALL of the following Courses:</p> <ul style="list-style-type: none"> ACC131 - Principles of Accounting I ACC132 - Principles of Accounting II BSA131 - Introduction to Business BSA228 - Professional Productivity Solutions ECN232 - Business Statistical Analysis ECN236 - Principles of Economics-Micro
<p>Elective Courses</p> <p>Type Completion Requirement</p> <p>Total Credits: 9</p> <p>Earn at least 9 credits from the following:</p> <ul style="list-style-type: none"> BSA237 - Legal Environment of Business BSA238 - Advanced Professional Productivity Solutions CSA110 - Introduction to Computer Information Systems ECN110 - Economics of Sports

- MAT172 - Finite Mathematics
- MAT212 - Topics in Calculus

Students planning to transfer to ASU, NAU, or UofA should select CSA110 Intro Computer Info System and MAT212 Topics in Calculus as program electives.

Program Learning Outcomes

Program Learning Outcomes

Upon successful completion of the Associate of Business, the learner will be able to:

1. Analyze financial information.
2. Use financial data for business decision-making.
3. Apply decision support tools to business decision-making.
4. Demonstrate professional business communication skills.
5. Evaluate business issues, including ethical implications.

Bachelor of Science in Business

General Information

Program Description

The Bachelor of Science in Business program prepares individuals to assume management or supervisory positions in business, industry, and government. It provides essential skills in a broad range of business functions, including accounting, computer usage, leadership, management, and marketing. Students can enter the degree program as freshmen or transfer from an associate degree program to the bachelor's degree. Students will choose from one of four concentrations.

Credit Hours

121

Program Requirements

Simple Requisites

Program Requirements

Accounting Concentration

Type

Completion Requirement

General Education Courses - Total Credits: 32

Complete ALL of the following Requirement Set:

- Arizona General Education Curriculum (AGEC)

Lower Division Courses - Total Credits: 18

Complete ALL of the following Courses:

- ACC131 - Principles of Accounting I
- BSA131 - Introduction to Business
- BSA228 - Professional Productivity Solutions
- ECN232 - Business Statistical Analysis
- ECN236 - Principles of Economics-Micro
- MKT240 - Principles of Marketing

Accounting Lower Division Courses-Total Credits: 12

Complete ALL of the following Courses:

- ACC115 - Basic Tax Planning
- ACC132 - Principles of Accounting II
- ACC210 - Data Analytics for Accounting
- BSA238 - Advanced Professional Productivity Solutions

Lower Division Electives-Total Credits: 14

- All electives need to be 100-level or above. Students are encouraged to see an academic advisor to assist with selecting the most appropriate courses.
 - THR, DAN, PHE, and REC are limited to a total of 4 activity-based credits hours.
 - Practicums, internships, project classes, private/applied music lessons, and music ensembles are limited to a total of 6 credit hours.
- The following courses are recommended to meet a portion of the lower-division electives:

Complete ANY of the following Courses:

- ACC117 - Advanced Tax Planning and Preparation

- ACC121 - Introductory Accounting
- ACC122 - Payroll Accounting
- ACC160 - Computer Accounting with QuickBooks
- ACC233 - Intermediate Accounting I
- ACC234 - Intermediate Accounting II
- BSA237 - Legal Environment of Business
- ECN235 - Principles of Economics - Macro

ECN 235 is a recommended elective if not applied to the AGECE.

Upper Division Courses-Total Credits: 30

Complete ALL of the following Courses:

- BSA300 - Global Environment of Business
- BSA305 - Principles of Finance
- BSA310 - Logistics and Supply Chain Theory
- BSA360 - Project Management Essentials
- BSA394 - Mentorship: Business
- BSA400 - Business Policy and Strategic Planning
- BSA410 - Business Analytics
- BSA494 - Capstone Project: Business
- OR BSA495 - Research Project: Business
- OR BSA496 - Internship Capstone: Business
- LDR300 - Fundamentals of Leadership
- MKT340 - Marketing Management

Accounting Upper Division Courses-Total Credits: 15

Complete ALL of the following Courses:

- ACC310 - Accounting Information Systems
- ACC320 - Cost Accounting
- ACC410 - Forensic Accounting and Fraud Examination
- ACC420 - Governmental and Nonprofit Accounting
- ACC430 - Auditing and Assurance Services

Digital Marketing Concentration

Type

Completion Requirement

General Education Courses-Total Credits: 32

Complete ALL of the following Requirement Set:

- Arizona General Education Curriculum (AGEC)

Lower Division Courses-Total Credits: 18

Complete ALL of the following Courses:

- ACC131 - Principles of Accounting I
- BSA131 - Introduction to Business
- BSA228 - Professional Productivity Solutions
- ECN232 - Business Statistical Analysis
- ECN236 - Principles of Economics-Micro
- MKT240 - Principles of Marketing

Lower Division Electives-Total Credits: 26

- All electives need to be 100-level or above. Students are encouraged to see an academic advisor to assist with selecting the most appropriate courses.
 - THR, DAN, PHE, and REC are limited to a total of 4 activity-based credits hours.
 - Practicums, internships, project classes, private/applied music lessons, and music ensembles are limited to a total of 6 credit hours.

- The courses below are recommended to meet a portion of the lower-division electives:

Complete ANY of the following Courses:

- ART129 - Digital Drawing and Painting
- ART139 - Fundamentals of Video Editing
- ART214 - Digital Illustration
- BSA237 - Legal Environment of Business
- DES100 - Digital Design Studio
- DES101 - Principles of Visual Communication I
- DES102 - Letters and Typography
- DES103 - Principles of Visual Communication II
- DES204 - Web Design
- FMA108 - Social Media Planning and Implementation
- FMA116 - The Business of Content Creation
- FMA134 - Immersive Transmedia Storytelling
- MGT188 - Competitor Differentiation
- MKT231 - Social Media Marketing
- MKT240 - Principles of Marketing
- MKT280 - Marketing Tactics and Techniques
- PHI110 - Critical Thinking in the Digital Age

Upper Division Courses-Total Credits: 30

Complete ALL of the following Courses:

- BSA300 - Global Environment of Business
- BSA305 - Principles of Finance
- BSA310 - Logistics and Supply Chain Theory
- BSA360 - Project Management Essentials
- BSA394 - Mentorship: Business
- BSA400 - Business Policy and Strategic Planning
- BSA410 - Business Analytics
- BSA494 - Capstone Project: Business
- OR BSA495 - Research Project: Business
- OR BSA496 - Internship Capstone: Business
- LDR300 - Fundamentals of Leadership
- MKT340 - Marketing Management

Digital Marketing Upper Division Courses-Total Credits: 15

Complete ALL of the following Courses:

- MKT310 - Digital Marketing Landscape
- MKT320 - Digital Audience Strategy
- MKT410 - Brand Strategy: Tactics & Digital Tools
- MKT420 - Neuromarketing and Social Media Management
- MKT430 - Digital Marketing Data and Analytics

Entrepreneurship Concentration

Type

Completion Requirement

General Education Courses-Total Credits: 32

Complete ALL of the following Requirement Set:

- Arizona General Education Curriculum (AGEC)

Lower Division Courses-Total Credits: 18

Complete ALL of the following Courses:

- ACC131 - Principles of Accounting I
- BSA131 - Introduction to Business
- BSA228 - Professional Productivity Solutions
- ECN232 - Business Statistical Analysis
- ECN236 - Principles of Economics-Micro
- MKT240 - Principles of Marketing

Lower Division Electives-Total Credits: 26

- All electives need to be 100-level or above. Students are encouraged to see an academic advisor to assist with selecting the most appropriate courses.
 - THR, DAN, PHE, and REC are limited to a total of 4 activity-based credits hours.
 - Practicums, internships, project classes, private/applied music lessons, and music ensembles are limited to a total of 6 credit hours.
- The following courses are recommended to meet a portion of the lower-division electives:

Complete ANY of the following Courses:

- ACC132 - Principles of Accounting II
- BSA237 - Legal Environment of Business
- BSA238 - Advanced Professional Productivity Solutions
- ECN235 - Principles of Economics - Macro
- MGT233 - Business Communication

Note: ECN 235 is a recommended selection if not applied to the AGECE

Upper Division Courses-Total Credits: 30

Complete ALL of the following Courses:

- BSA300 - Global Environment of Business
- BSA305 - Principles of Finance
- BSA310 - Logistics and Supply Chain Theory
- BSA360 - Project Management Essentials
- BSA394 - Mentorship: Business
- BSA400 - Business Policy and Strategic Planning
- BSA410 - Business Analytics
- BSA494 - Capstone Project: Business
- OR BSA495 - Research Project: Business
- OR BSA496 - Internship Capstone: Business
- LDR300 - Fundamentals of Leadership
- MKT340 - Marketing Management

Entrepreneurship Upper Division Courses-Total Credits: 15

Complete ALL of the following Courses:

- LDR485 - Entrepreneurial Leadership
- MGT380 - Introduction to Entrepreneurship
- MGT385 - Customer Relations and Service Management
- MKT480 - Strategic Digital Marketing
- MKT490 - Entrepreneurial Marketing

Organizational Management and Leadership Concentration

Type

Completion Requirement

Arizona General Education Courses-Total Credits: 32

Complete ALL of the following Requirement Set:

- Arizona General Education Curriculum (AGEC)

Lower Division Courses: Total Credits: 18

Complete ALL of the following Courses:

- ACC131 - Principles of Accounting I
- BSA131 - Introduction to Business
- BSA228 - Professional Productivity Solutions
- ECN232 - Business Statistical Analysis
- ECN236 - Principles of Economics-Micro

- MKT240 - Principles of Marketing

Lower Division Electives-Total Credits: 26

- All electives need to be 100-level or above. Students are encouraged to see an academic advisor to assist with selecting the most appropriate courses.
 - THR, DAN, PHE, and REC are limited to a total of 4 activity-based credits hours.
 - Practicums, internships, project classes, private/applied music lessons, and music ensembles are limited to a total of 6 credit hours.
- The following courses are recommended to meet a portion of the lower-division electives:

Complete ANY of the following Courses:

- ACC132 - Principles of Accounting II
- BSA237 - Legal Environment of Business
- BSA238 - Advanced Professional Productivity Solutions
- ECN235 - Principles of Economics - Macro
- MGT233 - Business Communication

Note: ECN 235 is a recommended selection if not applied to the AGEC

Upper Division Courses-Total Credits: 30

Complete ALL of the following Courses:

- BSA300 - Global Environment of Business
- BSA305 - Principles of Finance
- BSA310 - Logistics and Supply Chain Theory
- BSA360 - Project Management Essentials
- BSA394 - Mentorship: Business
- BSA400 - Business Policy and Strategic Planning
- BSA410 - Business Analytics
- BSA494 - Capstone Project: Business
- **OR** BSA495 - Research Project: Business
- **OR** BSA496 - Internship Capstone: Business
- LDR300 - Fundamentals of Leadership
- MKT340 - Marketing Management

Organizational Management and Leadership Upper Division Courses-Total Credits: 15

Complete ALL of the following Courses:

- LDR420 - Leadership and Change Management
- LDR425 - Leadership Application and Development
- LDR430 - Managing Talent and Developing Leaders
- MGT320 - Business Process Improvement
- MGT325 - Supportive and Collaborative Management

6. Apply technological tools for effective support of the business environment.

Program Learning Outcomes

Program Learning Outcomes

Upon successful completion of the Bachelor of Science Business program, the learner will be able to:

1. Demonstrate advanced knowledge and skills in core functional areas of business.
2. Apply critical thinking skills in complex business-related situations.
3. Demonstrate ability to analyze information for effective decision-making.
4. Demonstrate effective professional communication skills.
5. Demonstrate ethical approaches to decision-making.

Bachelor of Science in Nursing

General Information

Program Description

The Bachelor of Science in Nursing (RN-BSN) degree prepares nurse leaders by building on prior knowledge and experience to address the healthcare needs of the community.

The RN-BSN degree requires completion of a minimum of 120 credits. RN-BSN courses are 100% online, with one 4-6 hour experiential component at a student-selected local site. Students completing LDR 201, LDR 202, and LDR 203 will earn an additional certificate in Strategic Leadership.

Admission to the program requires successful completion of an associate degree nursing program at a regionally accredited institution validated by transcript(s) and possession of an active, unencumbered RN license.

Credit Hours

120

Program Notes

There are special admission requirements for the RN-BSN degree. Additional information and an application packet are available online at www.yc.edu/bsn.

Program Requirements

Simple Requisites

<p>Program Requirements</p> <p>General Education Courses</p> <p>Type Completion Requirement</p> <p>Total Credits: 31</p> <p>Complete ALL of the following Requirement Set:</p> <ul style="list-style-type: none"> General Education Curriculum for Nursing (BSN)
<p>Credit for Prior Nursing Degree and RN Licensure</p> <p>Type Completion Requirement</p> <p>Total Credits: 40.5 credits</p> <p>Sequence of nursing theory, skills, and clinical courses culminating in an accredited nursing degree.</p>
<p>Required Courses</p> <p>Type Completion Requirement</p> <p>Total Credits: 30.5 credits</p> <p>Complete ALL of the following Courses:</p> <ul style="list-style-type: none"> NSG310 - Transition and Concepts of Professional Nursing NSG320 - Nursing Practice in a Multicultural Society NSG330 - Advanced Assessment and Health Promotion NSG340 - Nursing Informatics NSG350 - Nursing Research and Evidence Translation NSG410 - Issues in Professional Practice NSG420 - Population-Based Nursing in the Community NSG430 - Aging and End of Life

- NSG440 - Global Health: Ethics and Human Rights
- NSG450 - Nursing Leadership

Elective Courses

Type

Completion Requirement

Total Credits: 18 credits

The following courses are STRONGLY RECOMMENDED to meet a portion of the lower-division electives:

Complete ALL of the following Courses:

- LDR201 - Leadership Essentials
- LDR202 - Strategic Leadership
- LDR203 - Organizational Leadership
- MGT233 - Business Communication

Note: Students who successfully complete LDR 201, LDR 202, and LDR 203 earn a Management - Strategic Leadership Certificate.

All electives need to be 100-level or above. Students are encouraged to see an academic advisor to assist with selecting the most appropriate courses. THR, DAN, PHE, and REC are limited to a total of 4 activity-based credits hours.

Program Learning Outcomes

Program Learning Outcomes

Upon successful completion of the Bachelor of Science in Nursing, the learner will be able to:

- Utilize critical thinking and clinical judgment to plan and implement culturally appropriate, patient-centered care to promote health and prevent disease and injury for diverse populations. (Patient-Centered Care)
- Demonstrate leadership skills that integrate an understanding of organizational systems and the internal and external forces impacting decision making. (Teamwork and Collaboration)
- Engage in evidence-based practice as a means of enhancing the quality and safety of client care. (Evidence-Based Practice)
- Analyze opportunities to gather and use evidence to improve patient care practices and process for quality outcomes. (Quality Improvement)
- Develop collaborative relationships both inter- and intra-professionally that enable the nurse to effectively advocate for safe, quality outcomes for clients, the nursing profession, and the health care system. (Safety)
- Use information technologies to improve outcomes and the environments in which nursing practice occurs. (Informatics)
- Model professionalism based on personal values, ethical principles, and the nursing profession's values and standards. (Professionalism)

Bachelor of Applied Science in Business

General Information

Program Description

The Bachelor of Applied Science is a 92-credit optimized degree program designed to provide students with focused business skills and practical application, preparing them for leadership roles and career advancement. The curriculum emphasizes core business concepts and hands-on learning experiences to meet the demands of today's dynamic workforce.

Credit Hours

92

Program Notes

This program can be completed entirely online. Not all general education options or program electives are offered online, however there will be a variety of online classes from which to choose in order to meet the requirements.

Type

Completion Requirement

Total Credits: 30 credits

Complete ALL of the following Courses:

- BSA300 - Global Environment of Business
- BSA305 - Principles of Finance
- BSA310 - Logistics and Supply Chain Theory
- BSA360 - Project Management Essentials
- BSA394 - Mentorship: Business
- BSA400 - Business Policy and Strategic Planning
- BSA410 - Business Analytics
- BSA494 - Capstone Project: Business
- OR BSA495 - Research Project: Business
- OR BSA496 - Internship Capstone: Business
- LDR300 - Fundamentals of Leadership
- MKT340 - Marketing Management

Program Requirements

Simple Requisites

Program Requirements

General Education Courses

Type

Completion Requirement

Total Credits: 32

Complete ALL of the following Requirement Set:

- Arizona General Education Curriculum (AGEC)

Lower Division Courses

Type

Completion Requirement

Total Credits: 15 credits

Complete ALL of the following Courses:

- ACC131 - Principles of Accounting I
- BSA131 - Introduction to Business
- BSA228 - Professional Productivity Solutions
- ECN232 - Business Statistical Analysis
- ECN236 - Principles of Economics-Micro

Business Foundations Courses

Type

Completion Requirement

Total Credits: 15 credits

Complete ALL of the following Courses:

- BSA237 - Legal Environment of Business
- MGT140 - Organizational Behavior
- MGT220 - Principles of Management
- MGT233 - Business Communication
- MKT240 - Principles of Marketing

Upper Division Courses

Program Learning Outcomes

Program Learning Outcomes

Upon successful completion of the BAS in Business program, the learner will be able to:

1. Demonstrate advanced knowledge and skills in core functional areas of business.
2. Apply critical thinking skills in complex business-related situations.
3. Demonstrate ability to analyze information for effective decision-making.
4. Demonstrate effective professional communication skills.
5. Demonstrate ethical approaches to decision-making.
6. Apply technological tools for effective support of the business environment.

Bachelor of Applied Science in Public Safety Administration

General Information

Program Description

The Bachelor of Applied Science in Public Safety Administration prepares current and aspiring public safety professionals to lead with integrity, resilience, and innovation in a rapidly evolving world. The program fosters critical thinking, ethical decision-making, and collaborative leadership while emphasizing the integration of governance, policy, technology, and community engagement. Through applied learning and interdisciplinary coursework, graduates are equipped to enhance organizational effectiveness, advance community trust, and address complex challenges across fire services, law enforcement, emergency medical services, and legal professions.

Credit Hours

92-93

Program Requirements

Simple Requisites

Program Requirements
<p>Paramedicine</p> <p>Type Completion Requirement</p> <p>General Education Courses - Total Credits: 32</p> <p>Complete ALL of the following Requirement Set:</p> <ul style="list-style-type: none"> Arizona General Education Curriculum (AGEC) <p>Lower Division Courses - Total Credits: 30</p> <p>Complete ALL of the following Courses:</p> <ul style="list-style-type: none"> EMS164 - ECG Rhythm Analysis & Interpretation for EMS Professionals EMS252 - Pharmacology in Paramedicine EMS267 - Technical Operations in Paramedicine EMS269 - Trauma Patient Management in Paramedicine EMS271 - Medical Emergencies in Paramedicine I EMS271L - Medical Emergencies in Paramedicine Lab EMS272 - Medical Emergencies in Paramedicine II EMS272L - Comprehensive Patient Assessment in Paramedicine I EMS273 - Medical Emergencies in Paramedicine III EMS273L - Comprehensive Patient Assessment in Paramedicine II <p>Upper Division Courses - Total Credits: 30</p> <p>Complete ALL of the following Courses:</p> <ul style="list-style-type: none"> PUB310 - Current Issues & Trends in Public Safety PUB330 - Adaptive Leadership in Public Safety PUB350 - Emergency Operations & Crisis Management PUB370 - Community Engagement & Crisis Communication PUB390 - Multi-Agency Response & Coordination PUB410 - Emergency Policy & Governance PUB430 - Incident Investigation & After-Action Reporting PUB450 - Grant Writing & Public Safety Funding Strategies PUB470 - Public Safety Leadership & Administration PUB490 - Capstone: Applied Public Safety Project

Fire Science

Type

Completion Requirement

General Education Courses - Total Credits: 32

Complete ALL of the following Requirement Set:

- Arizona General Education Curriculum (AGEC)

Lower Division Courses - Total Credits: 30

Complete ALL of the following Courses:

- FSC100 - Principles of Emergency Services
- FSC102 - Principles of Fire and Emergency Services Safety and Survival
- FSC104 - Hazardous Materials First Responder Operations
- FSC135 - Fire Prevention
- FSC137 - Fire Protection Hydraulics and Water Supply
- FSC210 - Advanced Fire Behavior and Combustion
- FSC234 - Fire Investigation
- FSC235 - Fire Protection Systems
- FSC236 - Occupational Safety and Health for Emergency Services
- FSC241 - Building Construction for Fire Protection

Upper Division Courses - Total Credits: 30

Complete ALL of the following Courses:

- PUB310 - Current Issues & Trends in Public Safety
- PUB330 - Adaptive Leadership in Public Safety
- PUB350 - Emergency Operations & Crisis Management
- PUB370 - Community Engagement & Crisis Communication
- PUB390 - Multi-Agency Response & Coordination
- PUB410 - Emergency Policy & Governance
- PUB430 - Incident Investigation & After-Action Reporting
- PUB450 - Grant Writing & Public Safety Funding Strategies
- PUB470 - Public Safety Leadership & Administration
- PUB490 - Capstone: Applied Public Safety Project

Administration of Justice

Type

Completion Requirement

General Education Courses - Total Credits: 32

Complete ALL of the following Requirement Set:

- Arizona General Education Curriculum (AGEC)

Lower Division Courses - Total Credits: 30

Complete ALL of the following Courses:

- AJS101 - Introduction to Administration of Justice
- AJS109 - Substantive Criminal Law
- AJS170 - Forensic Science
- AJS200 - Current Issues in Criminal Justice
- AJS225 - Criminology
- AJS230 - The Police Function
- AJS240 - The Correction Function
- AJS260 - Procedural Criminal Law
- AJS270 - Community Relations
- AJS275 - Criminal Investigations

Upper Division Courses - Total Credits: 30

Complete ALL of the following Courses:

- PUB310 - Current Issues & Trends in Public Safety
- PUB330 - Adaptive Leadership in Public Safety
- PUB350 - Emergency Operations & Crisis Management
- PUB370 - Community Engagement & Crisis Communication
- PUB390 - Multi-Agency Response & Coordination
- PUB410 - Emergency Policy & Governance
- PUB430 - Incident Investigation & After-Action Reporting
- PUB450 - Grant Writing & Public Safety Funding Strategies
- PUB470 - Public Safety Leadership & Administration
- PUB490 - Capstone: Applied Public Safety Project

Paralegal Studies

Type

Completion Requirement

General Education Courses - Total Credits: 32

Complete ALL of the following Requirement Set:

- Arizona General Education Curriculum (AGEC)

Lower Division Courses - Total Credits: 30

Complete ALL of the following Courses:

- LAW100 - Introduction to Paralegal Studies
- LAW102 - Legal Computer Applications
- LAW103 - Ethics and the Law
- LAW107 - Law Office Management
- LAW109 - Substantive Criminal Law
- LAW217 - Legal Research and Writing I
- LAW218 - Legal Research and Writing II
- LAW220 - Civil Procedure I
- LAW221 - Civil Procedure II
- LAW232 - Evidence

Upper Division Courses - Total Credits: 30

Complete ALL of the following Courses:

- PUB310 - Current Issues & Trends in Public Safety
- PUB330 - Adaptive Leadership in Public Safety
- PUB350 - Emergency Operations & Crisis Management
- PUB370 - Community Engagement & Crisis Communication
- PUB390 - Multi-Agency Response & Coordination
- PUB410 - Emergency Policy & Governance
- PUB430 - Incident Investigation & After-Action Reporting
- PUB450 - Grant Writing & Public Safety Funding Strategies
- PUB470 - Public Safety Leadership & Administration
- PUB490 - Capstone: Applied Public Safety Project

Program Learning Outcomes

Program Learning Outcomes

1. Analyze the legal, ethical, and regulatory standards related to public safety organizations.
2. Apply ethical leadership skills to manage personnel, budgets, and organizational resources.
3. Demonstrate interagency collaboration skills to ensure public safety.
4. Apply emergency management principles to evaluate challenges and address complex events.
5. Assess leadership impacts on public safety organizations.

Bachelor of Science in Computer Science

General Information

Program Description

The Bachelor of Science in Computer Science program is tailored to immerse individuals in the fundamental concepts, methodologies, and innovative technologies that form the backbone of the computer science field. The program places a strong emphasis on the theoretical frameworks and practical applications of computing, preparing individuals to become pioneers in technology development, system design, and computational problem-solving. Designed to balance core computer science principles with opportunities for specialization in areas driving technological advancement. Students can enter the degree program as freshmen or as a transfer student to the bachelor's degree.

Credit Hours

120

Program Notes

This program can be completed entirely online. Not all general education options or program electives are offered online, however there will be a variety of online classes from which to choose in order to meet the requirements.

Program Requirements

Simple Requisites

Program Requirements

General Education Courses

Type

Completion Requirement

Total Credits: 32

Complete ALL of the following Requirement Set:

- Arizona General Education Curriculum (AGEC) for Computer Science (BS)

Lower Division Requirements

Type

Completion Requirement

Total Credits: 24 credits

Complete ALL of the following Courses:

- CNT105 - Cybersecurity Principles
- CNT135 - Security+: Implement and Maintain Network Security
- CSA110 - Introduction to Computer Information Systems
- CSA214 - Foundations of Data Science
- CSA250 - Introduction to Artificial Intelligence
- CSA281 - Systems Analysis and Design
- CSC105 - Introduction to Programming
- CSC113 - Programming: Python

Lower Division Electives

Type

Completion Requirement

Total Credits: 19 credits

All electives need to be 100-level or above. Students are encouraged to see

an academic advisor to assist with selecting the most appropriate courses. THR, DAN, PHE, and REC are limited to a total of 4 activity-based credits hours. Practicums, internships, project classes, private/applied music lessons, and music ensembles are limited to a total of 6 credit hours. The following course prefixes are recommended lower-division electives: CSA, CNT, CSC, and VGD.

Upper Division Requirements

Type

Completion Requirement

Total Credits: 45 credits

Complete ALL of the following Courses:

- CSA310 - Advanced Artificial Intelligence
- CSA315 - Software Engineering for the Cloud
- CSA320 - Advanced Data Science
- CSA345 - Information Technology Management
- CSA355 - Advanced Programming Techniques
- CSA390 - IT Project Management
- CSA420 - Ethics in Information Technology
- CSA440 - Software Assurance
- CSA450 - Big Data Architecture
- CSA470 - Disruptive Technologies
- CSA494 - Project Capstone: Computer Science
- CSA496 - Internship: Computer Science
- OR CSA498 - Special Topics in Computer Science

Program Learning Outcomes

Program Learning Outcomes

Upon successful completion of the BS in Computer Science program, the learner will be able to:

1. Synthesize computer science principles to architect solutions for complex problems.
2. Create scalable and efficient software systems using advanced programming techniques.
3. Evaluate algorithms and systems to enhance computational efficiency and performance.
4. Critique the impact of computing on society to promote ethical practices in technology development.
5. Investigate emerging technologies and theoretical frameworks to advance knowledge in computer science.

Bachelor of Design in Visual Design

General Information

Program Description

The Bachelor of Design in Visual Design prepares individuals to design integrated campaigns, print and packaging, motion, immersive environments, and interactive systems. Advanced studios focus on brand systems, experiential and interaction design-including complex interface architectures, microinteractions, reusable design-system patterns, and multisensory spatial communications-across multiple touchpoints.

Hands-on coursework mirrors professional practice through collaboration, audience research, prototyping, and real-world production. A capstone sequence and portfolio course synthesize research, substantiate design decisions, and deliver implementation-ready outcomes at a professional standard. Graduates present an interactive, industry-aligned portfolio of case studies demonstrating cross-platform fluency, evidence-based practice, and strategic visual thinking.

Credit Hours

94

Program Notes

This program can be completed entirely online. Not all general education options or program electives are offered online, however there will be a variety of online classes from which to choose in order to meet the requirements.

Program Requirements

Simple Requisites

Program Requirements

General Education Courses

Type

Completion Requirement

Total Credits: 34

Complete ALL of the following Requirement Set:

- Arizona General Education Curriculum (AGEC) for Visual Design (B. Des)

Lower Division Courses

Type

Completion Requirement

Total Credits: 30

Complete ALL of the following Courses:

- ART110 - Drawing I
- ART114 - Color
- ART139 - Fundamentals of Video Editing
- ART214 - Digital Illustration
- DES100 - Digital Design Studio
- DES101 - Principles of Visual Communication I
- DES102 - Letters and Typography
- DES103 - Principles of Visual Communication II
- DES204 - Web Design
- FMA138 - VFX and Motion Graphics

Upper Division Courses

Type

Completion Requirement

Total Credits: 30

Complete ALL of the following Courses:

- DES305 - Applied Design I
- DES306 - Use Experience Design
- DES307 - Applied Design II
- DES308 - Interaction Design
- DES310 - Experiential Design
- DES409 - Design Project Research and Production I
- DES410 - Brand Strategy: Tactics & Digital Tools
- DES411 - Design Project Research and Production II
- DES413 - Design Capstone
- DES414 - Portfolio

Program Learning Outcomes

Program Learning Outcomes

Upon successful completion of the Bachelor of Design in Visual Design program, the learner will be able to:

1. Design connected systems for print, packaging, screens, and spaces that work together to achieve communication goals.
2. Construct interactive prototypes using established methods to meet documented requirements.
3. Implement complex typographic systems according to historical design conventions.
4. Compose appropriate fine art techniques to meet communication goals in design deliverables.
5. Create design deliverables that meet defined technical standards.
6. Critique design deliverables with discipline-specific terminology to propose actionable revisions.
7. Demonstrate work evidencing the synthesis of historical research, professional standards of execution, and project management.
8. Create design deliverables that meet defined accessibility standards.
9. Substantiate design decisions with presentations appropriate for clients, collaborators, and fabricators, showing how and why the proposed design works.
10. Compose tangible design artifacts that are producible with real materials, processes, and compliance rules.

Associate of General Studies

General Information

Program Description

The Associate of General Studies (AGS) degree is meant to be flexible and interdisciplinary, allowing students to tailor their education to their interests and career goals. It is a mix of general education and elective courses designed for students who want to gain a broad education that can be applied to various career paths or personal development. Students who are exploring options related to occupational goals that do not result in an Associate of Applied Science (AAS) or whose career, major, or transfer intent is uncertain, may elect to pursue this degree. This degree allows students to uniquely design an associate's degree with more flexibility in the selection of courses. These courses may be taken from a variety of subject areas with no specific area of emphasis. Students are encouraged to develop their degree plan in conjunction with an academic advisor.

Credit Hours

60

Program Notes

Students electing to transfer to one of the Arizona public universities with an AGS degree will have their coursework evaluated on a course-by-course basis by the university to which they transfer unless they complete the Arizona General Education Curriculum (AGEC) certificate to ensure the acceptance of their general education coursework as a block transfer of general education requirements. For this reason, students who are considering transfer should either complete the AGEC or choose an Associate's degree program designed for transfer.

Program Requirements

Simple Requisites

<p>Program Requirements</p> <p>General Education Courses</p> <p>Type Completion Requirement</p> <p>Total Credits: 28</p> <p>Complete ALL of the following Requirement Set:</p> <ul style="list-style-type: none"> • General Education Curriculum for Associate of General Studies (AGS)
<p>Required Courses</p> <p>Type Completion Requirement</p> <p>Total Credits: 3</p> <p>Earn at least 3 credits from the following:</p> <ul style="list-style-type: none"> • Communication Courses <p>Total Credits: 29</p> <p>Select from any course in the catalog.</p>

Additional Comments:
Program Learning Outcomes

Though the AGEC is not required for this degree, it is recommended that students who are considering transfer complete the AGEC or choose a transfer degree that includes the AGEC. Complete the AGEC by completing 4-7 additional credits in Oral Communication, Natural Sciences, Arts and Humanities, or Social and Behavioral Sciences. A maximum of one course may be taken in each area.

1. Demonstrate effective written, oral, or visual communication for specific audiences in the context of the field of study.
2. Use field of study frameworks to investigate issues and/or solve problems.
3. Apply scientific concepts and methodologies within the field of study.
4. Interpret quantitative information and/or utilize mathematical concepts and techniques.
5. Examine how diverse perspectives impact the human experience within a field of study.

Associate of Science

General Information

Program Description

The Associate of Science (AS) degree is the appropriate degree plan for students who major in fields with more stringent mathematics and mathematics-based science requirements.

The Associate of Science degree requires completion of a minimum of 60 credit hours. This degree plan is primarily designed to provide the first two years of coursework to prepare students for transfer to a baccalaureate-granting institution. Students following this degree program will complete university-parallel requirements in general education that will fulfill all lower division general education requirements at the Arizona universities. In addition, students will complete courses to fulfill lower division major and elective requirements in their program of study. Regular advisement is important to build an educational plan and ensure transferability of general education, elective, and major courses.

Students preparing to transfer to a baccalaureate degree program should contact an academic advisor in the major field of study at the transfer institution in addition to meeting regularly with an academic advisor at Yavapai College. Students may also wish to consult with a faculty member in their major field of study at both YC and their transfer institution.

Credit Hours

60

Program Notes

The Arizona General Education Curriculum (AGEC) is embedded in the Associate of Science degree. Upon completion of all 32-25 credit hours of the AGEC with a grade of "C" or higher, the student will receive recognition of completion on the transcript and guaranteed transferability of the AGEC upon admission to one of the state universities in Arizona.

Program Requirements

Simple Requisites

Program Requirements

General Education Courses

Type

Completion Requirement

Total Credits: 32

Complete ALL of the following Requirement Set:

- Arizona General Education Curriculum (AGEC) for Associate of Science (AS)

Major and Elective Studies

Type

Completion Requirement

Total Credits: 2

Complete ALL of the following Courses:

- MAT183 - Precalculus (Trigonometry)

Note: Many majors in mathematics and the sciences require MAT 220 or MAT 221.

Total Credits: 3

Earn at least 3 credits from the following:

- Communication Courses

Total Credits: 23

Select courses according to your transfer goal or intended major (including second language courses*) to meet the 60 credit minimum. It is recommended that students choose from the following courses when completing this requirement:

Earn at least 23 credits from the following:

- AGS103 - Plant Biology
OR BIO103 - Plant Biology
- BIO105 - Environmental Biology
- BIO181 - General Biology I
- BIO182 - General Biology II
- BIO201 - Human Anatomy and Physiology I
- BIO202 - Human Anatomy and Physiology II
- BIO205 - Microbiology
- CHM151 - General Chemistry I
- CHM152 - General Chemistry II
- EGR102 - Introduction to Engineering
- GEO103 - Introduction to Physical Geography
- GEO212 - Introduction to Meteorology
- GLG101 - Introduction to Geology I
- MAT167 - Elementary Statistics
- MAT212 - Topics in Calculus
- MAT220 - Calculus and Analytic Geometry I with Review
- MAT221 - Calculus and Analytic Geometry I
- MAT230 - Calculus and Analytic Geometry II
- MAT241 - Calculus III
- MAT262 - Elementary Differential Equations
- PHY111 - General Physics I
- PHY112 - General Physics II
- PHY150 - Physics for Scientists and Engineers I
- PHY151 - Physics for Scientists and Engineers II
- ASL101 - Beginning American Sign Language I
- ASL102 - Beginning American Sign Language II
- ASL201 - Intermediate American Sign Language I
- ASL202 - Intermediate American Sign Language II
- SPA101 - Beginning Spanish I
- SPA102 - Beginning Spanish II
- SPA201 - Intermediate Spanish I
- SPA202 - Intermediate Spanish II

In addition to completing AGEC requirements, students should carefully choose courses that align with their transfer major and institution. [AZTransfer Major Guides](#) link associate's degrees to their related bachelor's degrees for majors that are offered by two or more of Arizona's public universities.

Additional Comments:

Transfer Resources

The following tools are provided to assist students who are planning to transfer to Arizona Universities.

[Majors & Degrees Guide](#) - AZTransfer

- Major guides link associate's degrees to their related bachelor's degrees for majors that are offered by two or more of Arizona's public universities.

[Course Equivalency Guide](#) - AZTransfer

- The Course Equivalency Guide (CEG) shows students how community college courses transfer to Arizona State University, Northern Arizona University, and University of Arizona. This guide can assist you when choosing your major and elective studies.

ASU [Transfer Admission Guarantee](#) (TAG)

- The Transfer Admission Guarantee, or TAG, helps you plan and complete your Arizona community college coursework to meet the lower-division course requirements for your ASU major. When you complete the TAG, you'll be on track and prepared for success in earning your bachelor's degree.

NAU [Jacks Path](#)

- Jacks Path allows you see the courses you can take at Yavapai College, how your credits transfer to NAU, your progress toward completing your NAU degree, and what you'll take at NAU to earn your bachelor's degree.

UA [Bridge Program](#)

- The UA Bridge program is a partnership between several Arizona community colleges and the University of Arizona that provides a clear path to pursuing your UA bachelor's degree.

Program Learning Outcomes

Program Learning Outcomes

Upon successful completion of the Associate of Science degree, the learner will be able to:

1. Demonstrate effective written, oral, or visual communication for specific audiences in the context of the field of study.
2. Use field of study frameworks to investigate issues and/or solve problems.
3. Apply scientific concepts and methodologies within the field of study.
4. Interpret quantitative information and/or utilize mathematical concepts and techniques.
5. Examine how diverse perspectives impact the human experience within a field of study.

Arizona General Education Curriculum (AGEC) Certificate

General Information

Program Description

The Arizona General Education Curriculum (AGEC) is designed to fulfill all lower division General Education requirements at the public universities in Arizona. In consultation with an advisor, students should carefully select courses that align with their major and intended transfer university.

Upon completion of all 32-35 credit hours of the AGEC with a grade of "C" or higher, the student will receive recognition of completion on their Yavapai College transcript. Arizona residents who complete an AGEC and who have a cumulative GPA of 2.50 or higher have assured admission upon application to one of the state universities in Arizona.

The AGEC also fulfills general education requirements for the Associate of Arts, Associate of Arts in Elementary Education, Associate of Arts in Fine Art, Associate of Business, and Associate of Science degrees at Yavapai College.

Credit Hours

32-35

Program Notes

Courses applied to the Arizona General Education Curriculum (AGEC) may not be taken for Satisfactory/Unsatisfactory (S/U) Grading.

This program can be completed entirely online and/or in 8 week format. Not all general education options are offered online or in 8 week sessions; however there will be a variety of online and 8 week classes from which to choose in order to meet the requirements.

This certificate is not eligible for Federal Financial Aid. To explore other financial aid opportunities, please visit YC Admission.

Program Requirements

Simple Requisites

Program Requirements
General Education Courses
Type Completion Requirement
Total Credits: 32-35
Complete ALL of the following Requirement Set:
<ul style="list-style-type: none">Arizona General Education Curriculum (AGEC)

Program Learning Outcomes

Program Learning Outcomes

Upon successful completion of the Arizona General Education Curriculum (AGEC) Certificate, the learner will be able to:

1. Demonstrate effective written, oral, or visual communication for specific audiences in the context of the field of study.
2. Use field of study frameworks to investigate issues and/or solve problems.
3. Apply scientific concepts and methodologies within the field of study.
4. Interpret quantitative information and/or utilize mathematical concepts and techniques.

5. Examine how diverse perspectives impact the human experience within a field of study.

Accounting Assistant Certificate

General Information

Program Description

The Accounting Assistant certificate program is designed to provide the student an expanded knowledge of basic accounting and business principles while emphasizing communication and computer skills.

Credit Hours

36

Program Notes

This program can be completed entirely online.

3. Prepare and interpret financial statements and reports for service, merchandising and manufacturing companies.
4. Prepare basic tax returns and communicate the effects of tax rules for individuals, partnerships and corporations.
5. Use current technology and software applications to input, manage, interpret and communicate financial information.

Program Requirements

Simple Requisites

Program Requirements
<p>Required Courses</p> <p>Type Completion Requirement</p> <p>Total Credits: 36</p> <p>Complete ALL of the following Courses:</p> <ul style="list-style-type: none"> • ACC115 - Basic Tax Planning • ACC121 - Introductory Accounting • ACC122 - Payroll Accounting • ACC131 - Principles of Accounting I • ACC132 - Principles of Accounting II • ACC160 - Computer Accounting with QuickBooks • ACC210 - Data Analytics for Accounting • ACC233 - Intermediate Accounting I • ACC234 - Intermediate Accounting II • BSA228 - Professional Productivity Solutions • MGT233 - Business Communication
<p>Program Electives</p> <p>Type Completion Requirement</p> <p>Complete at least 1 of the following courses:</p> <ul style="list-style-type: none"> • ACC296 - Internship: Accounting • BSA131 - Introduction to Business • BSA237 - Legal Environment of Business • MGT132 - Ethics in Business

Program Learning Outcomes

Program Learning Outcomes

Upon successful completion of the Accounting Assistant Certificate program, the learner will be able to:

1. Perform financial accounting functions using proper format and procedure based on Generally Accepted Accounting Principles (GAAP) and the International Financial and Reporting Standards (IFRS).
2. Perform managerial accounting functions using proper format and procedure.

Accounting - AAS

General Information

Program Description

The Accounting degree program prepares students for employment in entry level positions in the accounting profession.

Credit Hours

61

Program Notes

Since this degree prepares students directly for employment, students interested in a transfer program in accounting should see an academic advisor for other educational options.

This program can be completed entirely online. Not all general education options or program electives are offered online, however there will be a variety of online classes from which to choose in order to meet the requirements.

[Click for more information about this program](#)

Program Requirements

Simple Requisites

Program Requirements

General Education Courses

Type

Completion Requirement

Total Credits: 19

Complete ALL of the following Requirement Set:

- General Education Curriculum for Business (AAS)

Required Courses

Type

Completion Requirement

Total Credits: 36 Credits

Complete ALL of the following Courses:

- ACC115 - Basic Tax Planning
- ACC117 - Advanced Tax Planning and Preparation
- ACC121 - Introductory Accounting
- ACC122 - Payroll Accounting
- ACC131 - Principles of Accounting I
- ACC132 - Principles of Accounting II
- ACC160 - Computer Accounting with QuickBooks
- ACC210 - Data Analytics for Accounting
- ACC233 - Intermediate Accounting I
- ACC234 - Intermediate Accounting II
- BSA131 - Introduction to Business
- BSA228 - Professional Productivity Solutions

Elective Courses

Type

Completion Requirement

Total Credits: 6

Earn at least 6 credits from the following:

- ACC296 - Internship: Accounting
- BSA237 - Legal Environment of Business
- ECN236 - Principles of Economics-Micro
- MGT132 - Ethics in Business
- MGT233 - Business Communication

Program Learning Outcomes

Program Learning Outcomes

Upon successful completion of the Accounting Degree program, the learner will be able to:

1. Perform financial accounting functions using proper format and procedure based on Generally Accepted Accounting Principles (GAAP) and the International Financial and Reporting Standards (IFRS).
2. Perform managerial accounting functions using proper format and procedure.
3. Prepare and interpret financial statements and reports for service, merchandising and manufacturing companies.
4. Prepare complex tax returns and communicate the effects of tax rules for individuals, partnerships and corporations.
5. Demonstrate professional business communication skills.
6. Use current technology and software applications to input, manage, interpret and communicate financial information.
7. Research and recommend resolution of business issues, including ethical implications of alternatives.

Administration of Justice - AAS

General Information

Program Description

The Administration of Justice degree program is an interdisciplinary program of study which prepares students for a broad range of employment opportunities including law enforcement, corrections, probation/parole officer, and social services in the courts or community agencies.

In addition to preparing students for entry-level employment, this degree program is appropriate for individuals already employed in the justice field who are seeking skill upgrade and promotional opportunities, and individuals preparing to transfer to a four-year college/university with a major in Justice Studies.

Arizona State University, Arizona State University-West, Grand Canyon University, Northern Arizona University and the University of Arizona all offer baccalaureate degree programs in Justice Studies/Administration of Justice.

Credit Hours

61

Program Notes

This program can be completed entirely online. Not all general education options or program electives are offered online, however there will be a variety of online classes from which to choose in order to meet the requirements.

[Click for more information about this program](#)

Program Requirements

Simple Requisites

<p>Program Requirements</p> <p>General Education Courses</p> <p>Type Completion Requirement</p> <p>Total Credits: 19</p> <p>Complete ALL of the following Requirement Set:</p> <ul style="list-style-type: none"> General Education Curriculum for Administration of Justice (AAS)
<p>Required Courses</p> <p>Type Completion Requirement</p> <p>Total Credits: 30</p> <p>Complete ALL of the following Courses:</p> <ul style="list-style-type: none"> AJS101 - Introduction to Administration of Justice AJS109 - Substantive Criminal Law AJS170 - Forensic Science AJS200 - Current Issues in Criminal Justice AJS225 - Criminology AJS230 - The Police Function AJS240 - The Correction Function AJS260 - Procedural Criminal Law AJS270 - Community Relations AJS290 - Constitutional Law: Civil Liberties and Civil Rights
<p>Elective Courses</p>

Type

Completion Requirement

Total Credits: 12

Earn at least 12 credits from the following:

- AJS103 - Public Safety Report Writing
- AJS106 - Public Safety Communications
- AJS192 - Serial Killers and Mass Murderers
- AJS212 - Juvenile Justice Procedures
- AJS226 - Victimology and Crisis Intervention
- AJS252 - Homeland Security and Terrorism
- AJS275 - Criminal Investigations
- AJS278 - Neuroscience and the Law
- AJS296 - Internship: Administration of Justice
- AJS298 - Special Justice Topics:

Program Learning Outcomes

Program Learning Outcomes

Upon successful completion of the Administration of Justice Degree program, the learner will be able to:

1. Explain the historical development of American criminal law from its English common law roots to the present.
2. Analyze criminal conduct in the context of historical, social, political and legal developments.
3. Identify the organization and jurisdiction of local state and federal law enforcement, courts and correctional systems.
4. Describe the relationships between the three components of the criminal justice system.
5. Summarize the philosophy of legal sanctions and corrections and the historical development of theories of punishment and rehabilitation.
6. Analyze the intersection of law, morality and ethics in our modern society.
7. Summarize the modern scientific tools used in criminal investigation.
8. Analyze current issues and trends in crime rates, criminal behavior, and social trends as they impact the criminal justice process.
9. Identify and analyze specific problems which relate to police-community relations and seek possible solutions.
0. Identify and summarize the various theories of the causes of criminal behavior.
1. Analyze the role of the US Supreme Court in defining the Constitutional protections and procedural due process safeguards in the criminal justice system.
2. Describe the economic and psychological impact of crime on society.
3. Define investigation and describe the goals of criminal investigation.
4. Identify the key provisions of the Bill of Rights and the U.S. Constitution that pertain to civil liberties and civil rights, and explain various competing theories of constitutional interpretation and judicial review.

Justice Studies Certificate

General Information

Program Description

The Justice Studies certificate program is designed for students interested in a broad range of criminal justice careers, without a law enforcement focus. The program includes the study of crime and delinquency and the theories, policies and practices of the criminal justice system.

Credit Hours

24

Program Notes

This program can be completed entirely online.

Program Requirements

Simple Requisites

<p>Program Requirements</p> <p>Required Courses</p> <p>Type Completion Requirement</p> <p>Total Credits: 24</p> <p>Complete ALL of the following Courses:</p> <ul style="list-style-type: none"> • AJS101 - Introduction to Administration of Justice • AJS123 - Ethics and Criminal Justice • AJS192 - Serial Killers and Mass Murderers • AJS200 - Current Issues in Criminal Justice • AJS212 - Juvenile Justice Procedures • AJS225 - Criminology • AJS226 - Victimology and Crisis Intervention • AJS278 - Neuroscience and the Law
--

Program Learning Outcomes

Program Learning Outcomes

Upon successful completion of the Justice Studies Certificate program, the learner will be able to:

1. Explain the historical development of American criminal law from its English common law roots to the present.
2. Analyze criminal conduct in the context of historical, social, political and legal developments.
3. Analyze the intersection of law, morality, and ethics in modern society.
4. Analyze current issues and trends in crime rates, criminal behavior, and social trends as they impact the criminal justice process.
5. Outline the modern philosophies, organization and treatment/intervention goals of the juvenile justice system.
6. Identify and summarize the various theories of the causes of criminal behavior.
7. Describe the economic and psychological impact of crime on society.
8. Identify and explain victimology and the crisis interventions afforded to victims of crime and their families.
9. Discuss new discoveries in neuroscience and how our increased understanding of the brain is having direct impact on the criminal justice system.

0. Explain theories of causation of serial and mass murderers.

Advanced Bookkeeping Certificate

General Information

Program Description

The Advanced Bookkeeping certificate will prepare students for entry-level positions in a variety of business and office settings where knowledge of bookkeeping and accounting practices is required. This certificate provides the two-semester foundation for the Accounting Assistant certificate.

Credit Hours

21

Program Notes

This program can be completed entirely online.

Program Requirements

Simple Requisites

<p>Program Requirements</p> <p>Required Courses</p> <p>Type Completion Requirement</p> <p>Total Credits: 21</p> <p>Complete ALL of the following Courses:</p> <ul style="list-style-type: none"> • ACC115 - Basic Tax Planning • ACC121 - Introductory Accounting • ACC122 - Payroll Accounting • ACC131 - Principles of Accounting I • ACC160 - Computer Accounting with QuickBooks • ACC210 - Data Analytics for Accounting • BSA228 - Professional Productivity Solutions

Program Learning Outcomes

Program Learning Outcomes

Upon successful completion of the Advanced Bookkeeping Certificate program, the learner will be able to:

1. Perform financial accounting functions using proper format and procedure based on Generally Accepted Accounting Principles (GAAP) and the International Financial and Reporting Standards (IFRS).
2. Prepare and interpret financial statements and reports for service, merchandising and manufacturing companies.
3. Prepare basic tax returns and communicate the effects of tax rules for individuals, partnerships and corporations.
4. Use current technology and software applications to input, manage, interpret and communicate financial information.

Advanced Manufacturing Technology - AAS

General Information

Program Description

The Advanced Manufacturing degree is designed to prepare students to operate, maintain and repair a variety of automated manufacturing, assembly, and distribution systems and to incorporate innovative technologies to improve production from design to manufacturing stages.

Credit Hours

63 (Mining: 76)

Program Notes

Freeport McMoRan, Inc. sponsors a mining program designed to prepare students for direct employment in the mining industry. There are special admission requirements for the Mining Concentration of the Advanced Manufacturing Technology AAS. Contact 928.776.2002 for details.

Program Requirements

Simple Requisites

<p>Program Requirements</p> <p>General Education Courses</p> <p>Type Completion Requirement</p> <p>Total Credits: 19</p> <p>Complete ALL of the following Requirement Set:</p> <ul style="list-style-type: none"> General Education Curriculum for Advanced Manufacturing (AAS)
<p>Required Courses</p> <p>Type Completion Requirement</p> <p>Total Credits: 44</p> <p>Complete ALL of the following Courses:</p> <ul style="list-style-type: none"> AGS101 - Microcomputers in Agriculture OR CSA126 - Microsoft Office for Windows AIT105 - Modern Maintenance Operations AIT110 - Mechanical Power Transmission Systems AIT115 - Hydraulic Systems AIT120 - Pneumatic Systems CNC101 - CNC Machine Operator CNC102 - CNC Machine Setup CNC201 - Computer Aided Programming for CNC ELT101 - Basic Electricity: AC & DC ELT135 - Robot Operator ELT165 - Programmable Logic Controllers IPT261 - Machine Shop MET116 - Rigging MET200 - SolidWorks for Non-Engineers WLD112 - Oxyacetylene Welding for Non-Welding Majors OR WLD113 - SMAW/GMAW Welding for Non-Welding Majors WLD250 - Welded Metal Fabrication
<p>Mining Concentration Courses</p>

Type

Completion Requirement

Total Credits: 13

Freeport McMoRan mining students must complete the Program Requirements (above) and the following courses:

Complete ALL of the following Courses:

- IPT295 - Apprenticeship: Industrial Plant
- MET150 - Surface Mine Safety Training

Note: IPT 295 must be taken four times for a total of 12 credit hours.

Program Learning Outcomes

Program Learning Outcomes

Upon successful completion of the Advanced Manufacturing Technology degree program, the learner will be able to:

- Safely utilize machine shop equipment.
- Fabricate and repair industrial machinery components.
- Repair hydraulic and pneumatic system components.
- Troubleshoot valves and pumps.
- Program and set up automated manufacturing equipment.
- Design components and assemblies using industry-standard computer-aided design (CAD) and computer-aided manufacturing (CAM) software.
- Demonstrate the use of slings, common rigging hardware, and safe loading practices.
- Test electronic sensors, actuators, and motors.

Aerospace Science Airplane Operations - AAS

General Information

Program Description

The Aerospace Science AAS Degree program in Airplane Operations prepares students for careers in aviation as airplane pilots.

Credit Hours

61

Program Notes

There are special admission requirements for the Aerospace Science Airplane Operations AAS. Application information is available from the Academic Advising Center. Call 928.776.2002 for details.

This program is not eligible for Federal Financial Aid. To explore other financial aid opportunities, please visit YC Admission.

Program Requirements

Simple Requisites

Program Requirements

General Education Courses

Type

Completion Requirement

Total Credits: 19

Complete ALL of the following Requirement Set:

- General Education Curriculum for Aerospace Science (AAS)

Required Courses

Type

Completion Requirement

Total Credits: 36

Complete ALL of the following Courses:

- AVT137 - Private Pilot Ground
- AVT138 - Private Pilot Simulation
- AVT139 - Private Pilot Flight
- AVT149 - Instrument Intro Flight
- AVT157 - Instrument Pilot Ground
- AVT159 - Instrument Pilot Flight
- AVT257 - Commercial Pilot Ground
- AVT259 - Commercial Pilot Flight
- AVT267 - Flight Instructor Ground
- AVT269 - Flight Instructor Flight
- AVT277 - Instrument Flight Instructor Ground
- AVT279 - Instrument Flight Instructor Flight
- AVT287 - Multi-Engine Ground
- AVT289 - Multi-Engine Flight

Elective Courses

Type

Completion Requirement

Total Credits: 6

Earn at least 6 credits from the following:

- AVT262 - Flight Endorsement
- BSA102 - Career Search and Success: Skills for Entering and Succeeding in the Workplace
- COM134 - Interpersonal Communication
- EXW130H - Weight Management
- EXW130J - Weight Loss and Health with Whole Food
- EXW205 - Stress Management
- UAS100 - Introduction to UAS
- UAS132 - UAS Flight Operations

Program Learning Outcomes

Program Learning Outcomes

Upon successful completion of the Aerospace Science Airplane Operations Degree program, the learner will be able to:

1. Fly or operationally control an aircraft under normal conditions.
2. Fly or operationally control an aircraft at night or under instrument meteorological conditions.
3. Fly or operationally control an aircraft under emergency conditions.
4. Meet industry requirements to enter the aviation career field flying or operationally controlling aircraft.
5. Make safe aeronautical decisions using scenarios and/or actual flying conditions.

Animal Care and Management Certificate

General Information

Program Description

The Animal Care and Management Certificate Program is designed to prepare students for entry-level positions in the pet and exotic animal industry including veterinary assistant, zookeeper, animal control officer, entrepreneur, pet store technician and boarding/grooming facilities management.

Credit Hours

27

Program Requirements

Simple Requisites

<p>Program Requirements</p> <p>Required Courses</p> <p>Type Completion Requirement</p> <p>Total Credits: 27</p> <p>Complete ALL of the following Courses:</p> <ul style="list-style-type: none"> • AGS100 - Introductory Equine Science • AGS101 - Microcomputers in Agriculture • AGS120 - Introduction to the Animal Industry • AGS261 - Aquaculture Science • AGS264 - Aquaculture Management • AGS280 - Zoo and Domestic Animal Care • AGS282 - Zoo and Domestic Animal Behavior

Program Learning Outcomes

Program Learning Outcomes

Upon successful completion of the Animal Care and Management Certificate program, the learner will be able to:

1. Manage an extensive agriculture facility.
2. Rear fish from egg to market.
3. Develop a water delivery and quality management system.
4. Develop and implement a comprehensive management program for exotic and domestic animals.

Fundamentals of Agriculture Science Technology Certificate

General Information

Program Description

The Fundamentals of Agriculture Science Technology Certificate offers students a comprehensive introduction to key sectors of the agricultural industry. This program is designed for individuals seeking to build a solid foundation in applied agricultural practices and technologies, preparing them for entry-level positions or further study in the field.

Credit Hours

18

Program Requirements

Simple Requisites

<p>Program Requirements</p> <p>Required Courses</p> <p>Type Completion Requirement</p> <p>Total Credits: 18</p> <p>Complete ALL of the following Courses:</p> <ul style="list-style-type: none"> • AGS100 - Introductory Equine Science • AGS120 - Introduction to the Animal Industry • AGS215 - Agricultural Mechanics • AGS250 - Horticulture Fall Production • OR AGS252 - Horticulture Spring Production • AGS274 - Water Management

Program Learning Outcomes

Program Learning Outcomes

Upon successful completion of the Fundamentals of Agriculture Science Technology certificate program, the learner will be able to:

1. Manage an extensive agriculture facility.
2. Explain the history and development of the horse industry.
3. Analyze animal agriculture as a science.
4. Propagate plants both sexually and asexually.
5. Develop a water delivery and quality management system.

Agriculture Technology Management - AAS

General Information

Program Description

The Agriculture Technology Management program prepares students for entrepreneurship, employment, or advancement in a variety of agricultural fields including horticulture, aquaculture and fisheries, and animal care and management.

Credit Hours

60

Program Requirements

Simple Requisites

Program Requirements
<p>General Education Courses</p> <p>Type Completion Requirement</p> <p>Total Credits: 19</p> <p>Complete ALL of the following Requirement Set:</p> <ul style="list-style-type: none"> General Education Curriculum for Agriculture Technology (AAS)
<p>Required Courses</p> <p>Type Completion Requirement</p> <p>Total Credits: 25</p> <p>Complete ALL of the following Courses:</p> <ul style="list-style-type: none"> AGS101 - Microcomputers in Agriculture OR CSA126 - Microsoft Office for Windows AGS102 - Agribusiness Management AGS105 - Soils AGS107 - Entomology AGS120 - Introduction to the Animal Industry AGS157 - Community Supported Agriculture AGS215 - Agricultural Mechanics AGS274 - Water Management
<p>Elective Courses</p> <p>Type Completion Requirement</p> <p>Total Credits: 16</p> <p>Earn at least 16 credits from the following:</p> <ul style="list-style-type: none"> AGS250 - Horticulture Fall Production AGS252 - Horticulture Spring Production AGS261 - Aquaculture Science AGS264 - Aquaculture Management AGS280 - Zoo and Domestic Animal Care AGS282 - Zoo and Domestic Animal Behavior

Program Learning Outcomes

Program Learning Outcomes

Upon successful completion of the Agriculture Technology Management Degree program, the learner will be able to:

1. Manage an extensive agriculture facility.
2. Rear fish from egg to market.
3. Develop a water delivery and quality management system.
4. Propagate plants sexually and asexually.
5. Develop and implement an integrated pest management system.
6. Develop and implement a comprehensive management program for exotic and domestic animals.

Agriculture Technology Management Certificate

General Information

Program Description

The Agriculture Technology Management Certificate prepares students for work in the agriculture science, business, and technology of plant and animal production and/or about the environmental and natural resources systems industry.

Credit Hours

36

Program Requirements

Simple Requisites

Program Requirements
<p>Required Courses</p> <p>Type Completion Requirement</p> <p>Total Credits: 36</p> <p>Complete ALL of the following Courses:</p> <ul style="list-style-type: none"> • AGS120 - Introduction to the Animal Industry • AGS157 - Community Supported Agriculture • AGS202 - Summer Horticulture • AGS215 - Agricultural Mechanics • AGS250 - Horticulture Fall Production • AGS252 - Horticulture Spring Production • AGS261 - Aquaculture Science • AGS264 - Aquaculture Management • AGS280 - Zoo and Domestic Animal Care • AGS282 - Zoo and Domestic Animal Behavior

Program Learning Outcomes

Program Learning Outcomes

Upon successful completion of the Agriculture Technology Management Certificate program, the learner will be able to:

1. Manage an extensive agriculture facility.
2. Rear fish from egg to market.
3. Develop a water delivery and quality management system.
4. Propagate plants sexually and asexually.
5. Develop and implement an integrated pest management system.
6. Develop and implement a comprehensive management program for exotic and domestic animals.

Artificial Intelligence and Machine Learning Certificate

General Information

Program Description

The Artificial Intelligence (AI) and Machine Learning (ML) Certificate program is designed for individuals interested in acquiring knowledge and skills in artificial intelligence and machine learning. This certificate covers the basics of AI and ML, including data analysis, algorithm design, neural networks, deep learning, and natural language processing. Students will also learn about the ethical considerations and real-world applications of AI and ML in various industries. Students who complete the program will be able to apply AI and ML concepts in various industries.

Credit Hours

24

Program Notes

This program can be completed entirely online.

Program Requirements

Simple Requisites

Program Requirements
<p>Required Courses</p> <p>Type Completion Requirement</p> <p>Total Credits: 24</p> <p>Complete ALL of the following Courses:</p> <ul style="list-style-type: none"> • AIM101 - Introduction to Generative AI • AIM104 - AI Ethics Foundation • AIM205 - Introduction to Machine Learning • AIM221 - Computer Vision • AIM232 - Natural Language Processing • CSA250 - Introduction to Artificial Intelligence • CSC105 - Introduction to Programming • CSC113 - Programming: Python

Program Learning Outcomes

Program Learning Outcomes

Upon successful completion of the Artificial Intelligence and Machine Learning Certificate program, the learner will be able to:

1. Apply programming principles using Python.
2. Analyze and prepare data for Artificial Intelligence (AI) model development.
3. Design machine learning models and generative AI applications that address real-world problems.
4. Develop functional AI projects in Natural Language Processing (NLP) and Computer Vision (CV) that demonstrate applied technical skills.
5. Evaluate AI systems for accuracy, performance, and ethical integrity.
6. Create a professional portfolio that integrates applied AI and machine Learning (ML) projects and demonstrates readiness for entry-level employment or continued study.

Air Traffic Control Academy Prep Certificate

General Information

Program Description

The certificate prepares students for the entrance exam into the FAA Air Traffic Control Academy in Oklahoma City.

Credit Hours

9

Program Notes

This certificate is not eligible for Federal Financial Aid. To explore other financial aid opportunities, please visit YC Admission.

Program Requirements

Simple Requisites

Program Requirements
<p>Required Courses</p> <p>Type Completion Requirement</p> <p>Total Credits: 9</p> <p>Complete ALL of the following Courses:</p> <ul style="list-style-type: none"> • AVT122 - Fundamentals of Air Traffic Control • AVT123 - Air Traffic Control Tower Procedures • AVT124 - Fundamentals of Air Traffic Control Radar Operation

Program Learning Outcomes

Program Learning Outcomes

Upon successful completion of the Air Traffic Control Academy Prep certificate, the learner will be able to:

1. Describe the Air Traffic Control (ATC) System and National Airspace System (NAS).
2. Demonstrate skills in radar separation procedures, airspace protection, speed adjustments and vectoring techniques.
3. Summarize basic VFR Control Tower operations, including duties and responsibilities.
4. Describe basic navigation related to airspace.
5. Explain fundamental effects of various weather conditions on aircrafts.
6. Interpret Instrument Approach Procedure (IAP), Departure Procedure (DP) and Standard Arrival Route (STAR) Charts.

Automated Industrial Technology Certificate

General Information

Program Description

The Certificate in Automated Industrial Technology prepares students to test, maintain and repair a variety of automated electromechanical, product assembly, and product distribution systems that use programmable controls and other methodologies to accomplish system management. These systems include robotic, mechanical, hydraulic, pneumatic, electrical, and electronic devices. Provides the skills to define, install, adjust, and maintain automated systems.

Credit Hours

24-26

Program Requirements

Simple Requisites

Program Requirements
<p>Required Courses</p> <p>Type Completion Requirement</p> <p>Total Credits: 24-26</p> <p>Complete ALL of the following Courses:</p> <ul style="list-style-type: none"> • AIT105 - Modern Maintenance Operations • AIT110 - Mechanical Power Transmission Systems • AIT115 - Hydraulic Systems • AIT120 - Pneumatic Systems • AIT225 - Basic Industrial Motor Control • ELT101 - Basic Electricity: AC & DC • ELT102 - Power Electronic Fundamentals • OR ELT126 - Solid State Devices • ELT165 - Programmable Logic Controllers <p>ELT111 and ELT112 can be taken instead of ELT 101.</p>

Program Learning Outcomes

Program Learning Outcomes

Upon successful completion of the Automated Industrial Technology certificate program, the learner will be able to:

1. Analyze AC and DC circuits.
2. Operate automated industrial control systems.
3. Interpret programmable logic controller (PLC) and motor driver status codes.
4. Interpret electrical schematics and piping and instrumentation diagrams (P&IDs).
5. Perform preventative maintenance on automated industrial equipment.
6. Utilize appropriate fabrication techniques for installation and modification of industrial equipment.
7. Describe and adhere to safety, health and environmental rules and regulations.

Applied Pre-Engineering - AAS

General Information

Program Description

The Associate of Applied Science Degree in Applied Pre-Engineering is designed to provide students with a working knowledge of engineering concepts and prepare them to transfer into a university engineering program.

Credit Hours

61

Program Notes

Students can complete an AGEC while earning the AAS in Applied Pre-Engineering.

Always work with your advisor to ensure that the general education courses selected will transfer to your chosen university.

Program Requirements

Simple Requisites

- MAT262 - Elementary Differential Equations

Note: Work with your faculty advisor and transfer advisor to select the best electives for your chosen discipline and transfer university.

Program Learning Outcomes

Program Learning Outcomes

Upon successful completion of the Applied Pre-Engineering Degree program, the learner will be able to:

1. Articulate basic mathematical, scientific and applicable engineering principles.
2. Solve problems using electronics, robotics and precision manufacturing software.
3. Utilize modern manufacturing techniques to solve problems for integrated systems.
4. Write documents that are audience specific and describe technical operations or scientific principles.
5. Work as members or leaders of a team to accomplish an objective.

Program Requirements

General Education Courses

Type

Completion Requirement

Total Credits: 35

Complete ALL of the following Requirement Set:

- Arizona General Education Curriculum (AGEC) for Applied Pre-Engineering (AAS)

Required Courses

Type

Completion Requirement

Total Credits: 20

Complete ALL of the following Courses:

- CNC101 - CNC Machine Operator
- CNC201 - Computer Aided Programming for CNC
- EGR102 - Introduction to Engineering
- EGR110 - Introduction to Digital Design
- ELT130 - Introduction to Robotics
- MAT230 - Calculus and Analytic Geometry II

Elective Courses

Type

Completion Requirement

Total Credits: 6

Earn at least 6 credits from the following:

- CNC102 - CNC Machine Setup
- CNC202 - 3-D Programming and Rapid Prototyping for CNC
- EGR180 - CAD (Computer-Aided Drawing) with SolidWorks
- EGR210 - Introduction to Electrical Engineering
- MAT182 - Precalculus (Algebra)
- MAT183 - Precalculus (Trigonometry)
- MAT241 - Calculus III

Auto Body Paint and Collision Technology Certificate

General Information

Program Description

The Auto Body Paint and Collision Technology certificate prepares students for entry-level employment in the auto body and collision industry. The program addresses all areas of basic auto body repair and refinishing including: frame and body repair, painting, special effects and graphic design, and upholstery.

Credit Hours

21

Program Requirements

Simple Requisites

Program Requirements
<p>Required Courses</p> <p>Type Completion Requirement</p> <p>Total Credits: 21</p> <p>Complete ALL of the following Courses:</p> <ul style="list-style-type: none"> • AUT105 - Introduction to Auto Body Repair • AUT106 - Automotive/Motorcycle Custom Painting • AUT107 - Autographics/Airbrushing • AUT110 - Advanced Airbrushing Techniques • AUT111 - Auto Body Welding and Collision Repair • AUT275 - Basic Automotive Upholstery • AUT276 - Advanced Upholstery

Program Learning Outcomes

Program Learning Outcomes

Upon successful completion of the Auto Body Paint Collsn (CERT), the learner will be able to:

1. Paint a car.
2. Upholster a car.
3. Repair auto body damage.
4. Apply airbrushing and graphics.

Diesel Technician - AAS

General Information

Program Description

The Diesel Technology AAS is designed for individuals to utilize a combination of diesel technology and business management skills to prepare for positions including: service managers, technicians, small business owners, and insurance adjusters. It prepares students to take the ASE examinations and become ASE certified technicians. This program offers two concentrations:

Diesel Technician Concentration - prepares the student to enter the diesel mechanics field as an entry-level apprentice diesel technician.

Mining Diesel Technician Concentration - Freeport McMoRan, Inc. sponsors a mining program which is designed to prepare students for direct employment in the mining industry.

Credit Hours

67 (Mining Option: 77)

Program Notes

There are special admission requirements for the mining program concentration. Call 928.776.2002 for details.

Program Requirements

Simple Requisites

Program Requirements
<p>General Education Courses</p> <p>Type Completion Requirement</p> <p>Total Credits: 19</p> <p>Complete ALL of the following Requirement Set:</p> <ul style="list-style-type: none"> • General Education Curriculum for Diesel (AAS)
<p>Required Courses</p> <p>Type Completion Requirement</p> <p>Total Credits: 44</p> <p>Complete ALL of the following Courses:</p> <ul style="list-style-type: none"> • AGS101 - Microcomputers in Agriculture • OR CSA126 - Microsoft Office for Windows • AIT115 - Hydraulic Systems • AUT103 - Automotive/Diesel Preventative Maintenance • AUT108 - Diesel Engine Repair Technology • AUT109 - Auto/Diesel Electrical Systems • AUT124 - Auto/Diesel Manual Drive Trains • AUT128 - Auto/Diesel Heating and Air Conditioning • AUT135 - Diesel Braking Systems • AUT208 - Advanced Diesel Engine Repair • AUT225 - Diesel Engine Performance • AUT230 - Advanced Light/Medium Duty Diesel Diagnosis 1500-4500 Series • WLD113 - SMAW/GMAW Welding for Non-Welding Majors
<p>Diesel Technician Concentration</p>

Type

Completion Requirement

Total Credits: 4

Complete ALL of the following Courses:

- AUT126 - Auto/Diesel Suspension and Steering

Mining Concentration

Type

Completion Requirement

Total Credits: 14

Complete ALL of the following Courses:

- AUT295 - Apprenticeship: Diesel
- MET116 - Rigging
- MET150 - Surface Mine Safety Training
- *Note: AUT 295 must be taken four times for a total of 12 credit hours.*

Program Learning Outcomes

Program Learning Outcomes

Upon successful completion of the Diesel Technician Degree program, the learner will be able to:

1. Troubleshoot, repair, and replace diesel engines.
2. Troubleshoot, repair, and replace diesel fuel system components.
3. Troubleshoot, repair, and replace diesel electrical system components.
4. Perform basic service maintenance on diesel equipment.
5. Troubleshoot, repair, and replace drivetrains.
6. Analyze diesel computer controlled systems.

Diesel Technician Certificate

General Information

Program Description

The Diesel Technician Certificate, utilizing a combination of diesel technology and business management skills, is designed for individuals preparing for positions including service managers, technicians, small business owners, and insurance adjusters. It prepares students to take the ASE examinations and become ASE certified technicians.

Credit Hours

36

Program Requirements

Simple Requisites

Program Requirements

Required Courses

Type

Completion Requirement

Total Credits: 36

Complete ALL of the following Courses:

- AUT103 - Automotive/Diesel Preventative Maintenance
- AUT108 - Diesel Engine Repair Technology
- AUT109 - Auto/Diesel Electrical Systems
- AUT124 - Auto/Diesel Manual Drive Trains
- AUT126 - Auto/Diesel Suspension and Steering
- AUT128 - Auto/Diesel Heating and Air Conditioning
- AUT135 - Diesel Braking Systems
- AUT225 - Diesel Engine Performance
- AUT230 - Advanced Light/Medium Duty Diesel Diagnosis 1500-4500 Series

Program Learning Outcomes

Program Learning Outcomes

Upon successful completion of the Diesel Technician Certificate program, the learner will be able to:

1. Analyze and repair automotive and light truck diesel engines.
2. Analyze and repair automotive and light truck diesel fuel system components.
3. Analyze and repair automotive and diesel truck electrical system components.
4. Perform basic service maintenance on diesel cars and diesel trucks.
5. Analyze and repair drive trains.
6. Analyze diesel truck computer controlled systems.

Automotive Master Technician Certificate

General Information

Program Description

Completion of this certificate program will prepare students for the National Automotive Service Excellence Certification examinations to become a Certified Master Automobile Technician and a Certified Engine Machinist. In addition, students will develop troubleshooting and analysis skills that will increase their diagnostic and repair abilities. Applied computer skills and information distribution within repair facilities are incorporated in this certificate. Accreditation: This program is accredited by the Automotive Service Excellence Education Foundation (ASE).

Credit Hours

46-47

Program Notes

National Automotive Service Excellence (ASE) certification is essential to individuals preparing for positions in the automotive industry. ASE certification requires hands-on working experience as well as completion of written examinations. Two years of post high school educational training, such as that offered in the automotive certificate and degree programs at Yavapai College, may be substituted for up to one year of the hands on work experience requirement of the ASE certification.

Program Requirements

Simple Requisites

Program Requirements
<p>Required Courses</p> <p>Type Completion Requirement</p> <p>Total Credits: 46-47</p> <p>Complete ALL of the following Courses:</p> <ul style="list-style-type: none"> • AUT103 - Automotive/Diesel Preventative Maintenance • AUT109 - Auto/Diesel Electrical Systems • AUT122 - Automatic Transmissions and Transaxles • AUT123 - Automotive Brakes • AUT124 - Auto/Diesel Manual Drive Trains • AUT126 - Auto/Diesel Suspension and Steering • AUT128 - Auto/Diesel Heating and Air Conditioning • AUT153 - Auto Engine Repair • AUT230 - Advanced Light/Medium Duty Diesel Diagnosis 1500-4500 Series • AUT231 - Auto Engine Diagnostics
<p>Program Electives</p> <p>Type Completion Requirement</p> <p>Complete at least 2 of the following courses:</p> <ul style="list-style-type: none"> • IPT261 - Machine Shop • MTC105 - Introduction to Motorcycle and UTV Technology • MTC215 - Motorcycle and UTV Service Procedures • WLD112 - Oxyacetylene Welding for Non-Welding Majors OR WLD113 - SMAW/GMAW Welding for Non-Welding Majors

Program Learning Outcomes

Program Learning Outcomes

Upon successful completion of the Automotive Master Technician Certificate program, the learner will be able to:

1. Identify the parts and rebuild a basic engine and a modified performance engine.
2. Explain and diagnose electrical circuits, electrical components, and computer related problems.
3. Rebuild an automatic transmission and transaxle manual transmission, and transaxle driveline and differential.
4. Replace steering and suspension components and align a front-end.
5. Diagnose and repair automotive air conditioning and heating systems.
6. Tune up, adjust and diagnose an internal combustion engine system.
7. Diagnose, remove, and replace an entire automotive brake system including ABS and traction control system.

Automotive Technology - AAS

General Information

Program Description

The Automotive Technology degree program is designed for individuals preparing for positions utilizing a combination of automotive technology and business management skills including service managers, insurance adjusters, and small business owners. This degree program will prepare students for the National Automotive Service Excellence (ASE) certification examinations to become ASE Certified Automobile Technicians. ASE certification requires hands-on working experience as well as completion of written examinations. Two years of post high school educational training, such as that offered in this automotive degree program at Yavapai College, may be substituted for up to one year of the hands-on work experience requirement of the ASE certification. Accreditation: This program is accredited by the Automotive Service Excellence Education Foundation (ASE).

Credit Hours

62-63

Program Requirements

Simple Requisites

Program Requirements

General Education Courses

Type

Completion Requirement

Total Credits: 16

Complete ALL of the following Requirement Set:

- General Education Curriculum (AAS-16)

Required Courses

Type

Completion Requirement

Total Credits: 41

Complete ALL of the following Courses:

- AUT103 - Automotive/Diesel Preventative Maintenance
- AUT109 - Auto/Diesel Electrical Systems
- AUT122 - Automatic Transmissions and Transaxles
- AUT123 - Automotive Brakes
- AUT124 - Auto/Diesel Manual Drive Trains
- AUT126 - Auto/Diesel Suspension and Steering
- AUT128 - Auto/Diesel Heating and Air Conditioning
- AUT153 - Auto Engine Repair
- AUT230 - Advanced Light/Medium Duty Diesel Diagnosis 1500-4500 Series
- AUT231 - Auto Engine Diagnostics

Elective Courses

Type

Completion Requirement

Complete at least 2 of the following courses:

- IPT261 - Machine Shop
- MTC105 - Introduction to Motorcycle and UTV Technology

- MTC215 - Motorcycle and UTV Service Procedures
- WLD112 - Oxyacetylene Welding for Non-Welding Majors
OR WLD113 - SMAW/GMAW Welding for Non-Welding Majors

Program Learning Outcomes

Program Learning Outcomes

Upon successful completion of the Automotive Technology Degree program, the learner will be able to:

1. Identify the parts and rebuild a basic engine and a modified performance engine.
2. Explain and diagnose electrical circuits, electrical components, and computer related problems.
3. Rebuild an automatic transmission and transaxle manual transmission, and transaxle driveline and differential.
4. Replace steering and suspension components and align a front-end.
5. Diagnose and repair automotive air conditioning and heating systems.
6. Tune up, adjust and diagnose an internal combustion engine system.
7. Diagnose, remove, and replace an entire automotive brake system including ABS and traction control system.

Automotive Technician (MLR) Certificate

General Information

Program Description

The purpose of this certificate program is to prepare students with the technical skills to obtain direct employment in the automotive industry and to upgrade the skills of individuals already employed in the industry. The courses within this certificate program prepare students for the National Automotive Service Excellence certification examinations which are required for most entry-level employment opportunities in the industry. Upon completion of each course, the student will receive an Award of Completion which will identify the competencies achieved.

Accreditation: This program is accredited by the Automotive Service Excellence Education Foundation (ASE).

Credit Hours

20

Program Notes

National Automotive Service Excellence (ASE) certification is essential to individuals preparing for positions in the automotive industry. ASE certification requires hands-on working experience as well as completion of written examinations. Two years of post high school educational training, such as that offered in the automotive certificate and degree programs at Yavapai College, may be substituted for up to one year of the hands-on work experience requirement of the ASE certification.

Program Requirements

Simple Requisites

Program Requirements
<p>Required Courses</p> <p>Type Completion Requirement</p> <p>Total Credits: 20</p> <p>Complete ALL of the following Courses:</p> <ul style="list-style-type: none"> • AUT103 - Automotive/Diesel Preventative Maintenance • AUT109 - Auto/Diesel Electrical Systems • AUT123 - Automotive Brakes • AUT126 - Auto/Diesel Suspension and Steering • AUT153 - Auto Engine Repair

Program Learning Outcomes

Program Learning Outcomes

Upon successful completion of the Automotive Technician Certificate program, the learner will be able to:

1. Identify, diagnose and repair problems with internal combustion engines.
2. Diagnose and repair basic electrical problems.
3. Remove and replace friction brake pads, friction brake shoes, and bleed a hydraulic system.
4. Identify major components of the automotive suspension and steering system.

Basic Tax Certificate

General Information

Program Description

The Basic Tax certificate prepares the student for an entry-level position in a tax preparation enterprise or a variety of business settings where knowledge of taxation and accounting practices is required.

Credit Hours

18

Program Notes

This program can be completed entirely online.

Program Requirements

Simple Requisites

Program Requirements
<p>Required Courses</p> <p>Type Completion Requirement</p> <p>Total Credits: 18</p> <p>Complete ALL of the following Courses:</p> <ul style="list-style-type: none"> • ACC115 - Basic Tax Planning • ACC117 - Advanced Tax Planning and Preparation • ACC121 - Introductory Accounting • ACC131 - Principles of Accounting I • ACC296 - Internship: Accounting • BSA228 - Professional Productivity Solutions

Program Learning Outcomes

Program Learning Outcomes

Upon successful completion of the Basic Tax Certificate program, the learner will be able to:

1. Perform financial accounting functions using proper format and procedure based on Generally Accepted Accounting Principles (GAAP) and the International Financial and Reporting Standards (IFRS).
2. Prepare and interpret financial statements and reports for service and merchandising companies.
3. Prepare complex tax returns and communicate the effects of tax rules for individuals, partnerships and corporations.
4. Use current technology and software applications to input, manage, interpret and communicate financial information.

Basic Carpentry Certificate

General Information

Program Description

Introduction to carpentry safety, hand and power tool operation, blueprint reading, materials, and layout. Hands-on experience in cutting, fastening, footings, framing, assembly, door/window installation, flooring, and finishing.

Credit Hours

16

Program Requirements

Simple Requisites

Program Requirements
<p>Required Courses Option 1</p> <p>Type Completion Requirement</p> <p>Total Credits: 16</p> <p>Complete ALL of the following Courses:</p> <ul style="list-style-type: none"> • CBT100 - Basic Carpentry I • CBT110 - Basic Carpentry II
<p>Required Courses Option 2</p> <p>Type Completion Requirement</p> <p>Total Credits: 16</p> <p>Complete ALL of the following Courses:</p> <ul style="list-style-type: none"> • CBT101 - Plan Reading, Drawings, and Codes • CBT102 - Framing I • CBT103 - Masonry & Concrete • CBT104 - Framing II • CBT105 - Interior Finishes • CBT106 - Remodeling • CBT107 - Exterior Finishes • CBT108 - Trim Work

Program Learning Outcomes

Program Learning Outcomes

Upon successful completion of the Basic Carpentry Certificate program, the learner will be able to:

1. Demonstrate safe operations with construction materials, tools, and equipment.
2. Demonstrate trade-appropriate dress and behavior.
3. Assemble residential home components, from rough to finish.
4. Construct all components of a residential build from rough to finish.
5. Install floors, walls, ceilings, doors and windows for a residential build.

Behavioral Health Technician Certificate

General Information

Program Description

The Behavioral Health Technician Certificate will provide students with a foundational study of human behavior and prepare them to assist, as part of a clinical team, in the care of individuals and families dealing with mental illness, comorbid medical conditions, and challenges that may be related to substance use/addiction and trauma histories. The program includes courses designed to provide students with the skills necessary to deliver essential behavioral health and social services. The core focus of the program is practical training and service-learning experiences.

Credit Hours

18

Program Notes

Program Requirements

Simple Requisites

Program Requirements
<p>Required Courses</p> <p>Type Completion Requirement</p> <p>Total Credits: 18</p> <p>Complete ALL of the following Courses:</p> <ul style="list-style-type: none"> • BHS150 - Introduction to Behavioral Health and Social Services • BHS155 - Professional Resiliency and Well-Being • BHS160 - Ethical, Legal and Professional Issues in Behavioral Health and Social Service • BHS165 - Applied Therapeutic Communication Skills • BHS170 - Case Management and Clinical Documentation • BHS180 - Child, Family, and Adult Advocacy

Program Learning Outcomes

Program Learning Outcomes

Upon successful completion of the Behavioral Health Tech certification, the learner will be able to:

1. Distinguish the role, function, and responsibilities of various mental health professions.
2. Assess the comprehensive bio-psycho-social needs of diverse client populations in behavioral health and social service settings.
3. Practice methods to resolve current symptoms and prevent future effects of burnout, traumatic stress, and compassion fatigue.
4. Manage individual cases, as part of a multidisciplinary team, in a fashion that best serves the patient and simultaneously protects the practitioner.
5. Develop, implement, and document treatment plans in collaboration with a multidisciplinary team.
6. Evaluate and practice evidence-based behavioral health interventions using assessment and outcome measures.

Bone Densitometry Certificate

General Information

Program Description

The Bone Densitometry (BD) program is comprised of two courses designed as facilitated and self-directed learning for radiologic professionals seeking to enhance their careers. Participants must be in good standing with the American Registry of Radiologic Technologists (ARRT). The program, which can be completed in one semester, offers both didactic coursework and clinical skills experiences necessary to prepare the student to challenge the ARRT post-primary examination.

Credit Hours

6

Program Notes

[Click to view Professional Licensure Disclosure](#)

For the application and detailed program information, visit www.yc.edu/radiology.

This certificate has been submitted to the accreditor and is pending HLC approval.

This certificate is not eligible for Federal Financial Aid. To explore other financial aid opportunities, please visit YC Admission.

This program can be completed entirely online.

Program Requirements

Simple Requisites

Program Requirements
<p>Required Courses</p> <p>Type Completion Requirement</p> <p>Total Credits: 6</p> <p>Complete ALL of the following Courses:</p> <ul style="list-style-type: none"> • ICE150 - Bone Densitometry Certification • ICE155 - Bone Densitometry Clinical Education

Program Learning Outcomes

Program Learning Outcomes

Upon successful completion of the Bone Densitometry Certificate program, the learner will be able to:

1. Demonstrate the clinical competency required for an entry-level bone densitometry technologist, including proficiency in imaging techniques, patient care and adherence to safety standards.
2. Make informed decisions regarding imaging protocols, positioning adjustments, and procedural modifications to accommodate diverse patient needs.
3. Exhibit the expertise and clinical competence required to challenge the American Registry of Radiologic Technologists (ARRT) post-primary certification examination.

Bookkeeping Certificate

General Information

Program Description

The Bookkeeping certificate prepares students for entry-level positions in a variety of business and office settings where basic knowledge of bookkeeping is required. This certificate provides the foundation for several other certificate programs: Administrative Professional, Advanced Bookkeeping, Basic Tax and Accounting Assistant.

Credit Hours

9

Program Notes

This certificate is not eligible for Federal Financial Aid. To explore other financial aid opportunities, please visit YC Admission.

This program can be completed entirely online.

Program Requirements

Simple Requisites

Program Requirements
<p>Required Courses</p> <p>Type Completion Requirement</p> <p>Total Credits: 9</p> <p>Complete ALL of the following Courses:</p> <ul style="list-style-type: none"> • ACC115 - Basic Tax Planning • ACC121 - Introductory Accounting • BSA228 - Professional Productivity Solutions

Program Learning Outcomes

Program Learning Outcomes

Upon successful completion of the Bookkeeping Certificate program, the learner will be able to:

1. Perform financial accounting functions using proper format and procedure based on Generally Accepted Accounting Principles (GAAP).
2. Prepare and interpret financial statements and reports for service and merchandising companies.
3. Prepare basic tax returns and communicate the effects of tax rules for individuals, partnerships and corporations.
4. Use current technology and software applications to input, manage, interpret and communicate financial information.

Basic Residential Trades Certificate

General Information

Program Description

The Basic Residential Trades Certificate prepares students to apply basic skills and knowledge in the core trades of residential carpentry, electrical, plumbing, and 3-D concrete printing. Includes NCCER curriculum and instruction in safety, employment, tool usage, measurement, plan reading, codes, supplies, equipment, fixtures, installations, and finishes in these core trades.

Credit Hours

24

Program Requirements

Simple Requisites

Program Requirements

Required Courses

Type

Completion Requirement

Total Credits: 24

Complete ALL of the following Courses:

- CBT100 - Basic Carpentry I
- CBT110 - Basic Carpentry II
- CBT115 - Residential Wiring Techniques
- CBT120 - Basic Residential Plumbing

May be taken instead of CBT 100:

Type

Completion Requirement

Total Credits: 8

Complete ALL of the following Courses:

- CBT101 - Plan Reading, Drawings, and Codes
- CBT102 - Framing I
- CBT103 - Masonry & Concrete
- CBT104 - Framing II

May be taken instead of CBT 110:

Type

Completion Requirement

Total Credits: 8

Complete ALL of the following Courses:

- CBT105 - Interior Finishes
- CBT106 - Remodeling
- CBT107 - Exterior Finishes
- CBT108 - Trim Work

Program Learning Outcomes

Program Learning Outcomes

Upon successful completion of the Basic Residential Trade Certification, the learner will be able to:

1. Demonstrate safe operations with construction materials, tools, and equipment.
2. Demonstrate trade-appropriate dress and behavior.
3. Assemble residential home components related to carpentry, electrical, and plumbing, from rough to finish.
4. Construct all components of a residential build from rough to finish.
5. Install and finish floors, walls, ceilings, doors and windows for a residential build.
6. Install electrical and plumbing conduits, wires, and fixtures.

Business Foundations Certificate

General Information

Program Description

The Business Foundations Certificate provides students with a comprehensive understanding of core business principles, preparing them for success in various business environments. The program covers essential topics, including marketing, business law, organizational behavior, management, and business communication. This certificate is designed to build a strong foundational skill set that can be applied to supervisory roles or further academic pursuits within business programs.

Credit Hours

15

Program Notes

This program can be completed entirely online.

This certificate is not eligible for Federal Financial Aid. To explore other financial aid opportunities, please visit YC Admission.

Program Requirements

Simple Requisites

<p>Program Requirements</p> <p>Required Courses</p> <p>Type Completion Requirement</p> <p>Total Credits: 15</p> <p>Complete ALL of the following Courses:</p> <ul style="list-style-type: none"> BSA237 - Legal Environment of Business MGT140 - Organizational Behavior MGT220 - Principles of Management MGT233 - Business Communication MKT240 - Principles of Marketing
--

Program Learning Outcomes

Program Learning Outcomes

Upon successful completion of the Business Foundations certificate program, the learner will be able to:

- Analyze and synthesize information through critical thinking.
- Apply written, oral, and interpersonal skills in business settings.
- Use the management principles of planning, organizing, leading, and controlling to solve common management issues.

Computer Networking: Cybersecurity - AAS

General Information

Program Description

The Computer Networking: Cybersecurity AAS degree is designed to provide students with the necessary skills to gain employment as information technology professionals focusing on cybersecurity. Core courses focus on network configuration, routing and switching, and operating systems. In-depth studies include cybersecurity operations, network forensics, and penetration testing. Students interested in college transfer for bachelor's degrees in Cybersecurity or Technology Management should see an academic advisor.

Credit Hours

63

Program Requirements

Simple Requisites

<p>Program Requirements</p> <p>General Education Courses</p> <p>Type Completion Requirement</p> <p>Total Credits: 19</p> <p>Complete ALL of the following Requirement Set:</p> <ul style="list-style-type: none"> General Education Curriculum (AAS-19)
<p>Required Courses</p> <p>Type Completion Requirement</p> <p>Total Credits: 44</p> <p>Complete ALL of the following Courses:</p> <ul style="list-style-type: none"> CNT101 - Networking and Cybersecurity Fundamentals CNT105 - Cybersecurity Principles CNT110 - A+ Computer Technician Certification CNT118 - Operating System Fundamentals CNT131 - Linux System Administration CNT135 - Security+: Implement and Maintain Network Security CNT140 - Cisco Routing and Switching I CNT150 - Cisco Routing and Switching II CNT190 - Programming and Scripting for Network Admins CNT235 - Cybersecurity Operations CNT250 - Securing Network Devices CNT260 - Cybersecurity Forensics CNT275 - Penetration Testing and Vulnerability Assessment CNT293 - CNT Project: Cybersecurity

Program Learning Outcomes

Program Learning Outcomes

Upon successful completion of the Computer Networking: Cybersecurity Degree program, the learner will be able to:

- Describe and configure the hardware and software used in a medium to large-sized computer network.

2. Describe the terms and technologies that comprise the field of cybersecurity, and implement strategies for managing an information security program.
3. Maintain and repair personal computers.
4. Perform administrative and troubleshooting tasks on operating systems.
5. Administer and secure the Linux operating system.
6. Describe network protocols and perform basic network device configuration.
7. Configure Cisco routing, switching, and wireless technologies.
8. Write and debug programs and scripts for application in a network environment.
9. Configure and implement network security.
0. Implement network security concepts and techniques in a security operations center.
1. Install, troubleshoot, and monitor a secure network to maintain integrity, confidentiality, and availability of data and devices.
2. Apply cybersecurity forensics techniques to network and computer systems.
3. Identify and exploit network vulnerabilities.
4. Analyze, design, implement, and present a cybersecurity project.

Computer Systems and Applications - AAS

General Information

Program Description

The Computer Systems and Applications degree program prepares students for careers as software professionals and for advanced studies in Computer Science. Students interested in a transfer program in Computer Science or Business Information Systems should see an academic advisor for an educational plan.

Credit Hours

60

Program Requirements

Simple Requisites

Program Requirements

General Education Curriculum Courses

Type

Completion Requirement

Total Credits: 19

Complete ALL of the following Requirement Set:

- General Education Curriculum for Computer Systems & Applications (AAS)

Required Courses

Type

Completion Requirement

Total Credits: 32

Complete ALL of the following Courses:

- CNT105 - Cybersecurity Principles
- CSA107 - Technology Networking Tools (TNT)
- CSA110 - Introduction to Computer Information Systems
- CSA214 - Foundations of Data Science
- CSA250 - Introduction to Artificial Intelligence
- CSA281 - Systems Analysis and Design
- CSA282 - Database Concepts
- CSA294 - CSA Project
- CSC105 - Introduction to Programming
- CSC113 - Programming: Python
- CSC125 - Programming: C# Fundamentals
- CSC205 - Programming: JavaScript, HTML & CSS

CSA294 must be taken for a minimum of 1 credit hour

Elective Courses

Type

Completion Requirement

Total Credits: 9

Earn at least 9 credits from the following:

- CNT101 - Networking and Cybersecurity Fundamentals
- CNT110 - A+ Computer Technician Certification
- CNT118 - Operating System Fundamentals
- CNT135 - Security+: Implement and Maintain Network

Security

- CSA126 - Microsoft Office for Windows
- CSC211 - Programming: PHP and MySQL
- CSC220 - Programming: Java
- VGD121 - Video Game Development for Game Engines
- VGD171 - Video Game Development - Programming

Program Learning Outcomes

Program Learning Outcomes

Upon successful completion of the Computer Systems and Applications Degree program, the learner will be able to:

1. Adapt technological skills to meet a need within a business or occupational environment.
2. Communicate ideas in a collaborative environment during all stages of software development.
3. Develop technology skills to solve problems and increase productivity.
4. Identify ethical issues in the business and occupational environment.

Computer Numerical Controlled (CNC) Machining Certificate

General Information

Program Description

The CNC Machining certificate is designed to prepare students for entry level CNC machining and programming positions. The program offers a series of skill-building courses in CNC machining and CAM programming for the individual desiring full-time employment in the CNC manufacturing industry.

Credit Hours

18

Program Notes

Program Requirements

Simple Requisites

Program Requirements

Required Courses

Type

Completion Requirement

Total Credits: 15

Complete ALL of the following Courses:

- CNC101 - CNC Machine Operator
- CNC102 - CNC Machine Setup
- CNC201 - Computer Aided Programming for CNC
- CNC202 - 3-D Programming and Rapid Prototyping for CNC
- MET250 - Projects in Manufacturing Technology

Total Credits: 3

Complete at least 1 of the following courses:

- CNC260 - Advanced Multi-Axis CNC Machining
- EGR102 - Introduction to Engineering
- EGR180 - CAD (Computer-Aided Drawing) with SolidWorks
- IPT261 - Machine Shop
- MET200 - SolidWorks for Non-Engineers

Program Learning Outcomes

Program Learning Outcomes

Upon successful completion of the Computer Numerical Controlled (CNC) Machining Certificate, the learner will be able to:

1. Program and operate a CNC mill and lathe.
2. Design a product for CNC machining.
3. Reverse engineer a product for 3D replication.
4. Set tools for CNC machining of a given product.
5. Safely utilize machine shop equipment.

Commercial Driver Training Certificate

General Information

Program Description

Prepares the student to take the Arizona Department of Transportation (ADOT) commercial drivers license (CDL) permit exam, and to complete 30 hours of driver training needed to pass the ADOT CDL Class A, B, or C commercial license road test.

Credit Hours

17-18

Program Notes

[Click to view Professional Licensure Disclosure](#)

Program Requirements

Simple Requisites

<p>Program Requirements</p> <p>Required Courses</p> <p>Type Completion Requirement</p> <p>Total Credits: 17-18</p> <p>Complete ALL of the following Courses:</p> <ul style="list-style-type: none"> • CDT250 - Commercial License Prep • CDT255 - Commercial Behind the Wheel <p>Note: If the student has a valid CDL permit, CGT 250 will be waived.</p>

Program Learning Outcomes

Program Learning Outcomes

Upon successful completion of the Commercial Driver Training Certificate program, the learner will be able to:

1. Prepare for successful completion of ADOT Commercial Class A,B, or C learner permit.
2. Take ADOT Commercial Class A, B, or C Learner permit.
3. Explain and show all items on the commercial Pre Trip inspection check list.
4. Demonstrate competency in ADOT determined road test skills.

Computed Tomography Certificate

General Information

Program Description

The Computed Tomography (CT) Certificate program consists of two courses designed to provide both facilitated and self-directed learning for radiologic professionals who are seeking to enhance their skills and knowledge in advanced imaging techniques, specifically in the area of computed tomography. Participants must be in good standing with the American Registry of Radiologic Technologists (ARRT). The program, which can be completed in one semester and offers both didactic coursework and clinical skills experiences necessary to prepare the student to challenge the ARRT post-primary examination.

Credit Hours

6

Program Notes

[Click to view Professional Licensure Disclosure](#)

For the application and detailed program information, visit www.yc.edu/radiology.

This certificate is not eligible for Federal Financial Aid. To explore other financial aid opportunities, please visit YC Admission.

Program Requirements

Simple Requisites

<p>Program Requirements</p> <p>Required Courses</p> <p>Type Completion Requirement</p> <p>Total Credits: 6</p> <p>Complete ALL of the following Courses:</p> <ul style="list-style-type: none"> • ICE100 - Computed Tomography Certification • ICE110 - Computed Tomography Clinical Education I
--

Program Learning Outcomes

Program Learning Outcomes

Upon successful completion of the Computed Tomography Certificate program, the learner will be able to:

1. Demonstrate the clinical competency required for an entry-level computed tomography (CT) technologist, including proficiency in imaging techniques, patient care and adherence to safety standards.
2. Make informed decisions regarding imaging protocols, positioning adjustments, and procedural modifications to accommodate diverse patient needs.
3. Exhibit the expertise and clinical competence required to challenge the American Registry of Radiologic Technologists (ARRT) post-primary certification examination.

Culinary Arts Fundamentals Certificate

General Information

Program Description

The Certificate in Culinary Arts Fundamentals is designed to equip students with basic skills in culinary arts. The program provides instruction in culinary concepts and terminology, kitchen safety and sanitation, equipment usage, basic nutritional guidelines, standard and metric measurements, food costing, and theory and practice in the production of culinary products. Courses emphasize fundamental cooking techniques and preparation methods for hot foods, breakfast items, salads, sandwiches, dressings, breads and pastries.

Credit Hours

16

Program Notes

[Click for more information about this program](#)

Program Requirements

Simple Requisites

Program Requirements
<p>Required Courses</p> <p>Type Completion Requirement</p> <p>Total Credits: 16</p> <p>Complete ALL of the following Courses:</p> <ul style="list-style-type: none"> • CUL101 - Culinary Principles • CUL102 - Culinary Fundamentals: Hot Foods • CUL103 - Culinary Fundamentals: Breakfast and Garde Manger • CUL104 - Culinary Fundamentals: Baking and Pastry

1. Prepare basic breads, rolls, cakes, cookies, bakery sauces, icings and fillings.

Program Learning Outcomes

Program Learning Outcomes

Upon successful completion of the Culinary Arts Fundamentals Certificate program, the learner will be able to:

1. Identify and apply culinary principles, nutrition practices, safety and sanitation techniques for basic kitchen and food service operation.
2. Identify fruit and vegetable classifications and prepare and use a variety of products.
3. Use kitchen small-wares, equipment, knives and bakery equipment.
4. Apply food costing techniques and recipe conversions using standard and metric measurements.
5. Fabricate meat, fish and poultry products.
6. Produce basic stocks, sauces and soups.
7. Cook poultry, fish and meat products.
8. Produce a variety of cheeses and pastas.
9. Produce dressings for salads and sandwiches.
0. Prepare simple salads, sandwiches, breakfast foods, and hors d'oeuvres appropriate for the food service industry.

Cybersecurity Specialist Certificate

General Information

Program Description

The Cybersecurity Specialist certificate is designed to prepare students for entry-level positions in cybersecurity and network administration. Students learn to install, support, secure, and troubleshoot network devices such as routers, switches, and servers. In addition, students learn how to configure virtual private networks, firewalls, and intrusion prevention systems. This program helps prepare students for the CompTIA Security+ and Cisco Certified Network Associate (CCNA) Security certifications and provides a strong knowledge base to pursue advanced cybersecurity certifications such as Certified Information Systems Security Professional (CISSP) and Certified Ethical Hacker (CEH).

Credit Hours

23

Program Notes

Program Requirements

Simple Requisites

Program Requirements

Required Courses

Type
Completion Requirement

Total Credits: 23

Complete ALL of the following Courses:

- CNT101 - Networking and Cybersecurity Fundamentals
- CNT105 - Cybersecurity Principles
- CNT135 - Security+:Implement and Maintain Network Security
- CNT140 - Cisco Routing and Switching I
- CNT150 - Cisco Routing and Switching II
- CNT190 - Programming and Scripting for Network Admins
- CNT250 - Securing Network Devices

Program Learning Outcomes

Program Learning Outcomes

Upon successful completion of the Cybersecurity Specialist Certificate program, the learner will be able to:

1. Describe and configure the hardware and software used in a medium to large sized computer network.
2. Describe the terms and technologies that comprise the field of cybersecurity, and implement strategies for managing an information security program.
3. Configure and implement network security.
4. Describe network protocols and perform basic network device configuration.
5. Configure Cisco routing, switching, and wireless technologies.
6. Write and debug scripts for application in a network administration environment.
7. Install, troubleshoot, and monitor a secure network to maintain integrity, confidentiality, and availability of data and devices.

Cybersecurity Technician Certificate

General Information

Program Description

This certificate is designed to provide students with the skills required to install, configure, and secure a small to medium-sized network. Emphasis is on cybersecurity technologies and implementation. Students are prepared for the CompTIA Security+ certification. Successful students will have the skills required to gain employment in entry-level positions in the information technology field specializing in cybersecurity.

Credit Hours

14

Program Notes

This certificate is not eligible for Federal Financial Aid. To explore other financial aid opportunities, please visit YC Admission.

Program Requirements

Simple Requisites

Program Requirements

Required Courses

Type
Completion Requirement

Total Credits: 14

Complete ALL of the following Courses:

- CNT101 - Networking and Cybersecurity Fundamentals
- CNT105 - Cybersecurity Principles
- CNT110 - A+ Computer Technician Certification
- CNT135 - Security+:Implement and Maintain Network Security

Program Learning Outcomes

Program Learning Outcomes

Upon successful completion of the Cybersecurity Technician Certificate program, the learner will be able to:

1. Describe and configure the hardware and software used in a small to medium-sized computer network.
2. Describe the terms and technologies that comprise the field of cybersecurity, and implement strategies for managing an information security program.
3. Maintain and repair personal computers.
4. Configure and implement network security.

Detention Officer Training Academy Certificate

General Information

Program Description

The Detention Officer Training Academy is an introduction to correctional operations: ethics and professionalism, communication, custody and control, conflict and crisis management, problem solving, officer integrity, hostage survival, riot control measures, defensive tactics, CPR/AED for first responders, medical and mental health issues, and field experience.

Credit Hours

16

Program Requirements

Simple Requisites

<p>Program Requirements</p> <p>Required Courses</p> <p>Type Completion Requirement</p> <p>Total Credits: 16</p> <p>Complete ALL of the following Courses:</p> <ul style="list-style-type: none">• AJS294 - Detention Officer Training Academy

15. Demonstrate problem solving skills in simulated riot situations.
16. Demonstrate all correctional operations and processes in a real-world field experience.

Program Learning Outcomes

Program Learning Outcomes

Upon successful completion of the Detention Officer Training Academy Certificate, the learner should be able to:

1. Explain the basic principles of effective inmate supervision when working in a county jail or correctional facility.
2. Identify legal definitions, concepts, and principles to Arizona law enforcement, courts, or correctional settings.
3. Communicate information in a clear and organized manner.
4. Identify the methods and purposes of institutional safety as it relates to inmate control and supervision.
5. Analyze ethical dilemmas encountered in the law enforcement and/or corrections fields.
6. Apply constitutional, statutory, procedural, and case law to real-life correctional situations.
7. Adapt to the diverse and multicultural nature of American society.
8. Explain the importance of inmate rights and essential services.
9. Demonstrate physical fitness standards.
10. Demonstrate initial assessments of injuries and/or illness and appropriate first aid procedures.
11. Demonstrate defensive tactics according to AZ POST standards.
12. Demonstrate the components involved in booking, global, and incident searches.
13. Explain the values and purpose of officer integrity.
14. Demonstrate problem solving skills in simulated hostage situations.

Diagnostic Medical Sonography Certificate

General Information

Program Description

The Diagnostic Medical Sonography Certificate Program prepares students for entry-level positions as ultrasound technologists. The program is designed in accordance with the curriculum established by the Joint Review Committee on Education in Diagnostic Medical Sonography (JRC-DMS) and consists of a hybrid structure utilizing: online, classroom and laboratory instruction integrated with hands-on experience in a clinical setting.

The Diagnostic Medical Sonography program may be completed as a one-year certificate for students who already hold an associate degree in an approved healthcare-related field, such as: Radiologic Technology, Nursing, Paramedicine.

Credit Hours

30

Program Notes

Application for Admission to the Diagnostic Medical Sonography Certificate Program
A special application is required for admission to the diagnostic medical sonography certificate program. It is recommended that students work closely with their advisor to ensure all application requirements are fully met. Refer to the website: www.yc.edu/radiology

Transfer Students

Students transferring from other regionally accredited institutions will have their completed general education coursework evaluated on an individual basis.

Health Declaration

It is essential that all health science students are able to perform a number of physical activities in the clinical portion of the program. At minimum, students will be required to lift patients, stand for several hours at a time, perform bending activities, and perform fine motor skills with dexterity. The clinical education experience places students under considerable mental and emotional stress as they undertake responsibilities and duties impacting patients' lives. Students must be able to demonstrate rational and appropriate behavior under stressful conditions. Individuals should give careful consideration to the mental and physical demands of the program before applying. The technical standards for the program are identified in the application.

Graduation Requirement

All required courses for the Diagnostic Medical Sonography Program must be completed with a minimum grade of 75%.

Licensure

While the State of Arizona does not currently require licensure or certification to practice Diagnostic Medical Sonography, several states do require sonography licensure, including New Mexico, New Hampshire, North Dakota, and Oregon. Graduates of this program will be eligible to pursue national credentialing by taking the American Registry for Diagnostic Medical Sonography (ARDMS) Sonography Principles and Instrumentation (SPI) examination, along with the Abdomen (AB) and/or Vascular Technology (VT) specialty examinations. Graduates are also eligible to challenge the American Registry of Radiologic Technologists (ARRT) Sonography certification examination. Credentialed sonographers may seek employment in hospitals, outpatient imaging centers, mobile services, and physician offices.

Transfer

Generally, 64 credits from community colleges are transferable to Arizona public universities: specific articulation information is available through AZTransfer at www.aztransfer.com

Program Goal

To prepare competent entry-level sonographers in the cognitive (knowledge), psychomotor (skills), and affective (behavior) learning domains for the following concentration(s) offered:

Abdominal (AB) sonography - Extended

Vascular (VT) sonography

Program Requirements

Simple Requisites

Program Requirements

Required Courses

Type

Completion Requirement

Total Credits: 30

Complete ALL of the following Courses:

- DMS100 - Introduction to Diagnostic Medical Sonography
- DMS101 - Sonography Principles and Instrumentation I
- DMS102 - Sonography Principles and Instrumentation II
- DMS110 - Sonography Clinical Education I
- DMS111 - Sonography Clinical Education II
- DMS112 - Sonography Clinical Education III
- DMS120 - Abdomen and Superficial Structures I
- DMS121 - Introduction to OB-GYN Procedures
- DMS122 - Abdomen and Superficial Structures II
- DMS123 - Introduction to Vascular Procedures I
- DMS124 - Vascular Procedures II
- DMS130 - Sonography Registry Review and Professional Development

Program Learning Outcomes

Program Learning Outcomes

Upon successful completion of the Diagnostic Medical Sonography Certificate program, the learner will:

1. Demonstrate clinical competency in performing diagnostic sonographic examinations and procedures across diverse patient populations and clinical settings.
2. Integrate and apply patient history, clinical data, and sonographic findings to support accurate diagnostic interpretation and comprehensive patient care.
3. Apply ultrasound physics and instrumentation principles to optimize image quality and ensure safe and effective use of sonographic technology.
4. Communicate effectively with patients, physicians, and members of the healthcare team while maintaining patient comfort, confidentiality, and understanding.
5. Utilize critical thinking and problem-solving skills to adapt protocols, troubleshoot imaging challenges, and respond to dynamic clinical situations.
6. Exhibit professional behavior consistent with legal, ethical, and regulatory standards of practice, including accountability, respect, and constructive responsiveness to feedback.

Electronics - Analog Electronics Certificate

General Information

Program Description

The Analog Electronics Certificate trains students for careers in the operation, maintenance and repair of analog electronic equipment. This certificate provides training in DC systems, AC systems and solid state devices. All instruction emphasizes a hands-on approach utilizing sophisticated test equipment.

Credit Hours

9

Program Notes

This certificate is not eligible for Federal Financial Aid. To explore other financial aid opportunities, please visit YC Admission.

Program Requirements

Simple Requisites

<p>Program Requirements</p> <p>Required Courses</p> <p>Type Completion Requirement</p> <p>Total Credits: 9</p> <p>Complete ALL of the following Courses:</p> <ul style="list-style-type: none"> • ELT111 - DC Electrical Systems • ELT112 - AC Electrical Systems • ELT126 - Solid State Devices

Program Learning Outcomes

Program Learning Outcomes

Upon successful completion of the Analog Electronics Certificate program, the learner will be able to:

1. Troubleshoot direct and alternating current circuits.
2. Troubleshoot solid-state circuits.

Electronics - Digital Electronics Certificate

General Information

Program Description

The Digital Electronics Certificate trains students for careers in the operation, maintenance and repair of complex electronic equipment. This certificate provides training in digital systems, microprocessors and programmable controllers. All instruction emphasizes a hands-on approach utilizing sophisticated test equipment.

Credit Hours

5

Program Notes

This certificate is not eligible for Federal Financial Aid. To explore other financial aid opportunities, please visit YC Admission.

Program Requirements

Simple Requisites

<p>Program Requirements</p> <p>Required Courses</p> <p>Type Completion Requirement</p> <p>Total Credits: 5</p> <p>Complete ALL of the following Courses:</p> <ul style="list-style-type: none"> • ELT162 - Microprocessors and Microcontrollers • ELT183 - Digital Circuits

Program Learning Outcomes

Program Learning Outcomes

Upon successful completion of the Electronics - Digital (CERT), the learner will be able to:

1. Troubleshoot digital, microprocessor and programmable controller-based circuits.

Electronics - Industrial Electronics Certificate

General Information

Program Description

The Industrial Electronics Certificate trains students for careers in the operation, maintenance and repair of industrial electronic equipment. This certificate provides training in process control instrumentation and motors and motor control. All instruction emphasizes a hands-on approach utilizing sophisticated test equipment.

Credit Hours

17

Program Requirements

Simple Requisites

Program Requirements
<p>Required Courses</p> <p>Type Completion Requirement</p> <p>Total Credits: 17</p> <p>Complete ALL of the following Courses:</p> <ul style="list-style-type: none"> • ELT111 - DC Electrical Systems • ELT112 - AC Electrical Systems • ELT126 - Solid State Devices • ELT165 - Programmable Logic Controllers • ELT271 - Process Control Instrumentation • ELT272 - Motors and Motor Control

Program Learning Outcomes

Program Learning Outcomes

Upon successful completion of the Industrial Electronics Certificate program, the learner will be able to:

1. Troubleshoot direct and alternating current circuits.
2. Troubleshoot solid state circuits.
3. Troubleshoot process control instrumentation and motor control circuits.

Electrical Instrumentation Technician Certificate

General Information

Program Description

The Electrical Instrumentation Technician certificate is designed to prepare students for positions in the installation, repair and maintenance of commercial electrical and electronic equipment.

Credit Hours

33

Program Notes

Freeport McMoRan, Inc. and Asarco sponsor mining programs designed to prepare students for direct employment in the mining industry. There are special admission requirements for these programs. Contact (928) 776-2002 for details.

Program Requirements

Simple Requisites

Program Requirements
<p>Required Courses</p> <p>Type Completion Requirement</p> <p>Total Credits: 33</p> <p>Complete ALL of the following Courses:</p> <ul style="list-style-type: none"> • AGS101 - Microcomputers in Agriculture • AIT115 - Hydraulic Systems • AIT120 - Pneumatic Systems • ELT111 - DC Electrical Systems • ELT112 - AC Electrical Systems • ELT126 - Solid State Devices • ELT162 - Microprocessors and Microcontrollers • ELT165 - Programmable Logic Controllers • ELT183 - Digital Circuits • ELT258 - Electronic Troubleshooting • ELT271 - Process Control Instrumentation • ELT272 - Motors and Motor Control

Program Learning Outcomes

Program Learning Outcomes

Upon successful completion of the Electrical Instrumentation Technician Certificate program, the learner will be able to:

1. Troubleshoot direct and alternating current circuits.
2. Troubleshoot digital, microprocessor and programmable controller-based circuits.
3. Troubleshoot solid state circuits.
4. Troubleshoot process control instrumentation and motor control circuits.
5. Troubleshoot pneumatic and hydraulic systems.
6. Troubleshoot pre-bugged equipment including symptom recognition, fault isolation and repair.
7. Utilize Microsoft Office to create Word, Excel, Access and PowerPoint files.

Electrician Certificate

General Information

Program Description

Provides students with knowledge and skills needed to enter into the electrical industry in entry level positions. Includes residential and commercial drawings, wiring and installation of electrical systems in both residential dwellings and commercial facilities.

Credit Hours

24

Program Notes

Program Requirements

Simple Requisites

<p>Program Requirements</p> <p>Required Courses</p> <p>Type Completion Requirement</p> <p>Total Credits: 24</p> <p>Complete ALL of the following Courses:</p> <ul style="list-style-type: none"> • CBT111 - Basic Electricity for the Trades • CBT114 - Blueprint Reading and Electrical Codes • CBT115 - Residential Wiring Techniques • CBT116 - Conduits and Raceways • CBT117 - Advanced Residential Wiring • CBT118 - Electrical Troubleshooting and Maintenance • CBT119 - Commercial Wiring Techniques • CBT121 - Solar Applications for Electricians
--

Program Learning Outcomes

Program Learning Outcomes

Upon successful completion of the Electrician Certificate program, the learner will be able to:

1. Describe OSHA regulations
2. Demonstrate safe practices on electrical work sites.
3. Interpret blueprints and electrical drawings.
4. Use National Electrical Code (NEC) requirements for electrical installations and repairs.
5. Install a complete electrical system for a residential home.

Electronics Technology Certificate

General Information

Program Description

The Electronics Technology certificate prepares students for a wide variety of careers in Electronics Technology as an electronics technician, communications technician or field service engineer. The certificate provides training in the operation, maintenance and repair of complex electronic equipment. All instruction emphasizes hands-on troubleshooting utilizing sophisticated test equipment.

Credit Hours

21

Program Notes

Program Requirements

Simple Requisites

<p>Program Requirements</p> <p>Required Courses</p> <p>Type Completion Requirement</p> <p>Total Credits: 21</p> <p>Complete ALL of the following Courses:</p> <ul style="list-style-type: none"> • ELT111 - DC Electrical Systems • ELT112 - AC Electrical Systems • ELT126 - Solid State Devices • ELT162 - Microprocessors and Microcontrollers • ELT165 - Programmable Logic Controllers • ELT183 - Digital Circuits • ELT221 - Communication Systems and Circuits • ELT258 - Electronic Troubleshooting

Program Learning Outcomes

Program Learning Outcomes

Upon successful completion of the Electronics Technology Certificate program, the learner will be able to:

1. Troubleshoot direct and alternating current circuits.
2. Troubleshoot digital, microprocessor, and programmable controller-based circuits.
3. Troubleshoot solid state circuits.
4. Troubleshoot communication circuits.
5. Troubleshoot pre-bugged equipment including symptom recognition, fault isolation, and repair.

Electric Utility Lineworker Certificate

General Information

Program Description

The Electric Utility Lineworker Certificate is designed to prepare the student for a position as a groundman/pre-apprentice level lineworker who is familiar with the use of tools, materials, and equipment of the electric utility industry. Students will be trained to work safely in power line installation and maintenance, pole climbing and use of tools, truck and equipment operation, and overhead and underground distribution, construction and maintenance of electrical lines.

Credit Hours

36.5

Program Requirements

Simple Requisites

<p>Program Requirements</p> <p>Required Courses</p> <p>Type Completion Requirement</p> <p>Total Credits: 36.5</p> <p>Complete ALL of the following Courses:</p> <ul style="list-style-type: none"> • CDT250 - Commercial License Prep • CDT255 - Commercial Behind the Wheel • EMS120 - Basic First Aid, CPR and AED • EUT101 - Basic Electricity for Linework • EUT120 - Energy Industry Fundamentals • EUT201 - Introduction to Linework I • EUT202 - Field Training I (Lineworker) • MAT100 - Technical Mathematics
--

Program Learning Outcomes

Program Learning Outcomes

Upon successful completion of the Electric Utility Lineworker Certificate program, the learner will be able to:

1. Explain application of linework equipment, tools, techniques, and safety practices.
2. Demonstrate linework utility truck operation, equipment, tools, techniques, and safety practices
3. Demonstrate basic AC and DC electrical principles.
4. Review the history, regulations, and components of the electrical industry.
5. Develop skills, materials, and industry connections for successful employment.
6. Demonstrate knowledge of commercial driving theory and regulations, a pre-trip inspection, and road test skills.

Electrical & Instrumentation Technology - AAS

General Information

Program Description

The Electrical & Instrumentation Technology degree prepares students to troubleshoot, install, repair and maintain industrial and commercial electrical and electronic equipment and systems including motors and motor controls, process control instrumentation, programmable logic controllers (PLCs), supervisory control and data acquisition (SCADA) systems, radio communication equipment, and electromechanical, hydraulic and pneumatic devices and systems. Program emphasizes component-level troubleshooting.

Credit Hours

60

Program Notes

Mining Concentration: Freeport McMoRan, Inc. and Asarco sponsor mining programs designed to prepare students for direct employment in the mining industry. Admission to the Mining Concentration is restricted to Freeport McMoRan, Inc. student-employees (part-time employee; full-time student).

Program Requirements

Simple Requisites

<p>Program Requirements</p> <p>General Education Courses</p> <p>Type Completion Requirement</p> <p>Total Credits: 16</p> <p>Complete ALL of the following Requirement Set:</p> <ul style="list-style-type: none"> • General Education Curriculum (AAS-16)
<p>Required Courses</p> <p>Type Completion Requirement</p> <p>Total Credits: 34-36</p> <p>Complete ALL of the following Courses:</p> <ul style="list-style-type: none"> • AGS101 - Microcomputers in Agriculture • OR CSA126 - Microsoft Office for Windows • OR STU100 - Computer Literacy • AIT115 - Hydraulic Systems • AIT120 - Pneumatic Systems • ELT111 - DC Electrical Systems • ELT112 - AC Electrical Systems • ELT126 - Solid State Devices • ELT162 - Microprocessors and Microcontrollers • ELT165 - Programmable Logic Controllers • ELT183 - Digital Circuits • ELT221 - Communication Systems and Circuits • ELT258 - Electronic Troubleshooting • ELT271 - Process Control Instrumentation • ELT272 - Motors and Motor Control <p>Select one concentration below, Electrical and Instrumentation Technology (8-10 credits) or Mining concentration (16 credits), and complete the requirements</p>

Technology Concentration

Type

Completion Requirement

Total Credits: 8-10

Earn at least 5 credits from the following:

- EGR180 - CAD (Computer-Aided Drawing) with SolidWorks
OR MET200 - SolidWorks for Non-Engineers
- ELT115 - Conduits and Raceways
- ELT130 - Introduction to Robotics
- ELT135 - Robot Operator
- ELT140 - Machine Vision
- ELT141 - Electrical Apparatus
- ELT198 - Electronics Topics:
- ELT220 - National Electrical Codes
OR CBT114 - Blueprint Reading and Electrical Codes
- ELT230 - Robot End Effectors
- ELT235 - Integrated Manufacturing Systems
- ELT279 - Tools for Electronic Troubleshooting
- ELT296 - Internship: Electrical Technician
- MET116 - Rigging
- TDP108 - 3-D Printer Operation and Maintenance
- WLD113 - SMAW/GMAW Welding for Non-Welding Majors

Notes:

Duplicate credit for EGR180 and MET200 will not be awarded.

ELT296 may be taken for a total of 6 credits.

6. Troubleshoot pre-bugged equipment including symptom recognition, fault isolation and repair.
7. Troubleshoot pneumatic and hydraulic systems.
8. Demonstrate computer literacy skills including how to create and modify spreadsheets and documents using common software platforms.

Additional outcomes for the Mining Concentration:

1. Demonstrate the use of slings, common rigging hardware and safe loading practices.
2. Demonstrate the U.S. Mine Safety and Health Administration requirements for new miner training.
3. Operate SMAW and GMAW to industry requirements.

Mining Concentration

Type

Completion Requirement

Total Credits: 16

Complete ALL of the following Courses:

- ELT295 - Apprenticeship: Electrical Instrumentation
- MET116 - Rigging
- MET150 - Surface Mine Safety Training
- WLD113 - SMAW/GMAW Welding for Non-Welding Majors

Note: ELT295 must be taken four times for a total of 12 credit hours.

*Freeport McMoRan, Inc. sponsors mining programs designed to prepare students for direct employment in the mining industry. There are special admission requirements for these programs. Call 928. 776. 2002 for details **You must be accepted into the Freeport McMoRan Mining program in order to select this concentration.***

Program Learning Outcomes

Program Learning Outcomes

Upon successful completion of the Electrical and Instrumentation Technology Degree program, the learner will be able to:

1. Troubleshoot direct and alternating current circuits.
2. Troubleshoot digital, microprocessor and programmable controller-based circuits.
3. Troubleshoot solid-state circuits.
4. Troubleshoot process control instrumentation and motor control circuits.
5. Troubleshoot communication circuits.

Emergency Medical Technician Certificate

General Information

Program Description

The Emergency Medical Technician certificate provides fundamental knowledge and emergency medical procedures and techniques. Yavapai College offers students entry-level emergency response training with its EMT program. It prepares the student to become an EMT through relevant coursework and extensive hands-on practical training, clinical work, and instructors who have years of experience and know what is needed to succeed. Successful completion of this program will prepare the students for the required Arizona and National Registry EMT exams. Our EMT students have excellent pass rates on the National Registry Exam.

Accreditation: This program is approved by the Arizona Department of Health Services, Bureau of Emergency Medical Services toward certification as an EMT in both the State of Arizona and in the USA.

Credit Hours

16

Program Notes

[Click to view Professional Licensure Disclosure](#)

Specific program requirements per the State of AZ will be shared with student upon registration.

Program Goal

The goal of the EMT programs at Yavapai College is to prepare the student as a competent entry-level EMT.

The three main objectives to reach this goal are as follows:

- Upon completion of the program, the student will demonstrate the ability to comprehend, apply, analyze, and evaluate information relevant to his or her role as an entry-level EMT.
- Upon completion of the program, the student will demonstrate technical proficiency in all the skills necessary to fulfill the role of an entry-level EMT.
- Upon completion of the program, the student will demonstrate personal behavior consistent with professional employer expectations for the entry-level EMT.

These goals and objectives meet with standards from the Arizona Department of Health Services, Bureau of Emergency Medical Services, United States Department of Transportation National Emergency Medical Services Education Standards.

Program Learning Outcomes

Program Learning Outcomes

Upon successful completion of the Emergency Medical Technician Certificate program, the learner will be able to:

1. Perform one and two person cardiopulmonary resuscitation (CPR) for the adult, child and infant patient according to the latest American Heart Association, Basic Life Support for Healthcare Provider standards.
2. Manage scene safety including personal protective equipment in the workplace.
3. Determine priorities of care.
4. Define the role, scope of practice, legal and ethical responsibilities of an EMT.
5. Assess, manage, and stabilize patients of all ages suffering airway obstructions, respiratory arrest and cardiac arrest with the use of CPR, automated external defibrillator, ventilatory assistance and oxygen.
6. Assess, manage, and stabilize patients of all ages with medical emergencies and emergency childbirth.
7. Assess, manage, and stabilize patients of all ages suffering bleeding, shock, soft tissue injuries, burns, fractures, nervous system injuries, head, chest and abdominal injuries.
8. Prepare the patient for transport to an appropriate medical facility with a minimum of aggravation to the patient's illness or injury.
9. Prepare a comprehensive patient care report for each patient assessed in the hospital clinical setting.

Program Requirements

Simple Requisites

Program Requirements

Required Courses

Type

Completion Requirement

Total Credits: 16

Complete ALL of the following Courses:

- EMS143 - Emergency Med Tech Practicum
- EMS144 - Emergency Medical Technician
- EMS144L - Emergency Medical Technician Lab

Enology Certificate

General Information

Program Description

The Enology certificate is designed to prepare individuals for careers in the wine industry with an emphasis on wine production. Classroom instruction, laboratory and winery applications of enological principles and practices will be covered.

Credit Hours

23

Program Notes

Program Requirements

Simple Requisites

Program Requirements
<p>Required Courses</p> <p>Type Completion Requirement</p> <p>Total Credits: 23</p> <p>Complete ALL of the following Courses:</p> <ul style="list-style-type: none"> • CHM130 - Fundamental Chemistry • VEN121 - Wines of the World • VEN122 - Sensory Evaluation of Wine • VEN195E - Winemaking Practicum • VEN195ES - Winemaking Practicum Summer • VEN200 - Science of Winemaking I • VEN201 - Science of Winemaking II • VEN202 - Science of Winemaking III <p>Note: Students must complete VEN 195E in Fall and Spring for a total of 4 credits</p>

Program Learning Outcomes

Program Learning Outcomes

Upon successful completion of the Enology Certificate program, the learner will be able to:

1. Perform steps in the winemaking process.
2. Evaluate wines.
3. Describe legal compliances and business functions in the wine industry.

Management - Entrepreneurship Principles and Practice Certificate

General Information

Program Description

The Management - Entrepreneurship Principles and Practice Certificate prepares students to embark on the journey of owning a business, and the knowledge and skills needed for launching and growing the new venture.

Credit Hours

21

Program Notes

Program Requirements

Simple Requisites

Program Requirements
<p>Required Courses</p> <p>Type Completion Requirement</p> <p>Total Credits: 21</p> <p>Complete ALL of the following Courses:</p> <ul style="list-style-type: none"> • MGT183 - Managing Business Finances • MGT188 - Competitor Differentiation • MKT280 - Marketing Tactics and Techniques • MGT281 - High Performance Management • MGT283 - Operations Management • MGT285 - Growing your Business • MGT288 - Business Plan Development

Program Learning Outcomes

Program Learning Outcomes

Upon successful completion of the Entrepreneurship Principles and Practice Certificate, the learner will be able to:

1. Identify requirements for planning, developing, and launching a small business.
2. Identify how different functional areas of an organization work together.
3. Describe the process for analyzing and marketing a business opportunity.
4. Develop a comprehensive Business Plan.
5. Demonstrate understanding of essential workplace skills.

Early Childhood Education Advanced Certificate

General Information

Program Description

A student who completes the Advanced Certificate in ECE is prepared to enter the early care and education profession as a highly skilled teacher of birth-preschool. The Advanced ECE certificate can also fulfill the Early Childhood Endorsement requirements from the Arizona Department of Education to assist elementary education teachers to earn their early childhood endorsement.

Credit Hours

34

Program Notes

[Click to view Professional Licensure Disclosure](#)

A current Arizona fingerprint clearance card and TB test are required for students working in the Del E. Webb Family Enrichment Center.

For certificate completion, 61 face-to-face observation hours and 90-180 practicum hours are required.

4. Identify strategies to plan and implement instructional practices to promote literacy in children birth-age eight.
5. Use formal and informal observation techniques to document the development and learning in young children.
6. Provide developmentally appropriate, project based opportunities and environments that support the physical, social, emotional, cognitive, language and creative development and learning in children birth-age eight.
7. Apply ethical and professional standards that emphasize reflective practices in working with young children, parents, other professionals and self.
8. Implement basic health, safety, and nutritional practices with young children as required by regulation.

Program Requirements

Simple Requisites

Program Requirements

Required Courses

Type
Completion Requirement

Total Credits: 34

Complete ALL of the following Courses:

- ECE200 - Introduction to Early Childhood Education
- ECE202 - Early Childhood Curriculum
- ECE222 - Introduction to the Exceptional Learner
- ECE230 - Language and Literacy Experiences
- ECE234 - Child Development
- ECE240 - Family and Community Partnerships
- ECE250 - Leadership and Management in Early Childhood Programs
- ECE260 - Child Guidance
- ECE270 - Health, Safety and Nutrition
- ECE280 - Observation and Assessment of the Young Child
- ECE291 - Early Childhood Practicum

Program Learning Outcomes

Program Learning Outcomes

Upon successful completion of the Early Childhood Education - Advanced Certificate program, the learner will be able to:

1. Build strong relationships with families through understanding, respecting and valuing the characteristics and cultures of both the families and their communities.
2. Articulate historical perspectives, as well as current trends, in the field of Early Childhood Education.
3. Apply relationship-based, trauma-informed, proactive strategies to promote pro-social development of young children, aged birth through 8 years.

Early Childhood Education Basic Certificate

General Information

Program Description

The Basic Certificate in Early Childhood Education is a point of entry or a continuation of professional development in the field of Early Care and Education. The Basic ECE certificate includes competencies that will prepare a student to apply for the national CDA credential.

Credits earned apply to the ECE Advanced Certificate.

Credit Hours

15

Program Notes

[Click to view Professional Licensure Disclosure](#)

A current Arizona fingerprint clearance card and TB test is required for students working in the Del E. Webb Family Enrichment Center.

Thirty-eight face-to-face observation hours are required for certificate completion.

This certificate is not eligible for Federal Financial Aid. To explore other financial aid opportunities, please visit YC Admission.

Program Requirements

Simple Requisites

<p>Program Requirements</p> <p>Required Courses</p> <p>Type Completion Requirement</p> <p>Total Credits: 15</p> <p>Complete ALL of the following Courses:</p> <ul style="list-style-type: none"> ECE200 - Introduction to Early Childhood Education ECE230 - Language and Literacy Experiences ECE240 - Family and Community Partnerships ECE270 - Health, Safety and Nutrition ECE280 - Observation and Assessment of the Young Child

Program Learning Outcomes

Program Learning Outcomes

Upon successful completion of the Early Childhood Education - Basic Certificate program, the learner will be able to:

1. Build strong relationships with families through understanding, respecting and valuing the characteristics and cultures of both the families and their communities.
2. Articulate historical perspectives, as well as current trends, in the field of Early Childhood Education.
3. Apply relationship-based, trauma-informed, proactive strategies to promote pro-social development of young children, aged birth through 8 years.
4. Identify strategies to plan and implement instructional practices to promote literacy in children birth-age eight.

Early Childhood Education Industry Certificate

General Information

Program Description

The Early Childhood Education Industry Certificate is approved by DES and prepares the student to enter the early care and education profession as a teacher-assistant or entry-level child care provider in a birth-preschool setting.

Eight (8) face-to-face observation hours are required for certificate completion.

Credit Hours

9

Program Notes

[Click to view Professional Licensure Disclosure](#)

This certificate is not eligible for Federal Financial Aid. To explore other financial aid opportunities, please visit YC Admission.

This program can be completed entirely online.

Program Requirements

Simple Requisites

<p>Program Requirements</p> <p>Required Courses</p> <p>Type Completion Requirement</p> <p>Total Credits: 9</p> <p>Complete ALL of the following Courses:</p> <ul style="list-style-type: none"> ECE200 - Introduction to Early Childhood Education ECE240 - Family and Community Partnerships ECE270 - Health, Safety and Nutrition
--

Program Learning Outcomes

Program Learning Outcomes

Upon successful completion of the Early Childhood Education Industry Certificate program, the learner will be able to:

1. Recognize typical and atypical child development of children birth to age eight.
2. Identify the components of developmentally appropriate learning environments for children birth to age eight.
3. Support children's social-emotional development through effective interactions with children, families, and peers.
4. Describe the requirements of early childhood regulatory bodies and related professional organizations.

Fire Science - AAS

General Information

Program Description

The Fire Science degree program is an interdisciplinary program of study which prepares students for a broad range of employment opportunities including Firefighter, Hazardous Materials Technician, Fire Marshal/Inspector, Fire Investigator, and Fire Service Supervisor/Manager. In addition to preparing students for employment, this degree program is appropriate for individuals already employed in the Public Safety field who are seeking skill upgrade and promotional opportunities, and individuals preparing to transfer to a four-year college/university. The Fire Science degree will allow students to declare a concentration in Operations or Administration. This degree outline provides the list of core and concentration requirements.

Credit Hours

62-71

Program Notes

Students interested in a transfer program in fire science should see an academic advisor for an educational plan.

Students preparing for transfer must complete College Composition I & II.

Program Requirements

Simple Requisites

Program Requirements

General Education Courses

Type

Completion Requirement

Total Credits: 19

Complete ALL of the following Requirement Set:

- General Education Curriculum (AAS-19)

Required Courses

Type

Completion Requirement

Total Credits: 21

Complete ALL of the following Courses:

- FSC100 - Principles of Emergency Services
- FSC102 - Principles of Fire and Emergency Services Safety and Survival
- FSC135 - Fire Prevention
- FSC210 - Advanced Fire Behavior and Combustion
- FSC235 - Fire Protection Systems
- FSC236 - Occupational Safety and Health for Emergency Services
- FSC241 - Building Construction for Fire Protection

Select one concentration, Fire Service Operations (31 credits) or Fire Service Administration (22 credits) concentration, and complete the requirements

Fire Service Operations Concentration

Type

Completion Requirement

Total Credits: 31

Complete ALL of the following Courses:

- EMS143 - Emergency Med Tech Practicum
- EMS144 - Emergency Medical Technician
- EMS144L - Emergency Medical Technician Lab
- FSC104 - Hazardous Materials First Responder Operations
- FSC105 - Firefighter I & II Certification Academy

Fire Service Administration Concentration

Type

Completion Requirement

Total Credits: 22

Complete ALL of the following Courses:

- FSC137 - Fire Protection Hydraulics and Water Supply
- FSC225 - Legal Aspects of Emergency Services
- FSC234 - Fire Investigation
- FSC238 - Strategy and Tactics
- FSC239 - Fire Department Company Officer
- FSC240 - Principles of Fire and Emergency Service Administration
- UAS100 - Introduction to UAS

Program Learning Outcomes

Program Learning Outcomes

Upon successful completion of the Fire Science degree program, the learner will be able to:

1. Use basic terms and concepts associated with the chemistry and dynamics of fire.
2. Describe the function and purpose of fire protection systems.
3. Prescribe safety procedures for personnel operating on the fire ground.
4. Determine factors and principles related to fire resistance, building codes and fire suppression issues.
5. Explain issues related to fire prevention and the components and steps of inspection and enforcement.
6. Explain issues related to fire prevention and the components and steps of inspection and enforcement.
7. Develop conditioning strategies, lifelong fitness, nutritional guidelines, and prepare for pre-employment agility tests.
8. Apply tactics and strategies for fire suppression.

Option A:

1. Demonstrate the appropriate and safe use of personal firefighting equipment and fire apparatus.
2. Demonstrate physical tasks, proper tool selection, and knowledge of operating procedures in accordance with the standards of the profession.
3. Perform various drags, lifts, carries, wall breaching, narrow-space manipulation and hoisting techniques directly related to firefighter safety and self-survival.
4. Identify various hazardous materials and their potential dangers.
5. Perform CPR for victims of all ages and demographics.
6. Provide first aid for victims of all ages and demographics.

- Describe principles and techniques of emergency medical care as performed by the EMT-Basic in accordance with national and state curriculum.

Option B:

- Describe principles and characteristics of hydraulics and operate fire hydraulic pumps currently in use in the fire service.
- Incorporate and manage cost containment, budgeting, data analysis, personnel evaluation, community planning, and departmental and public organization.
- Explain the basic elements of fire dynamics, construction, and fire protection systems and how they affect origin and cause determination.
- Describe current UAS capabilities and applications related to fire service.
- Direct firefighting operations to achieve life safety, property conservation, and environmental protection.
- Lead functions and processes as the emergency scene commander.
- Discuss the legal issues and concerns affecting emergency services.

Fire Service - Advanced Firefighter Certificate

General Information

Program Description

The Advanced Firefighter certificate program is designed to prepare students for positions as career and volunteer firefighters at the entry level. Some students may already be employed at the entry level and are seeking to enhance their knowledge and skills.

Credit Hours

34

Program Notes

Program Requirements

Simple Requisites

<p>Program Requirements</p> <p>Required Courses</p> <p>Type Completion Requirement</p> <p>Total Credits: 34</p> <p>Complete ALL of the following Courses:</p> <ul style="list-style-type: none"> EMS143 - Emergency Med Tech Practicum EMS144 - Emergency Medical Technician EMS144L - Emergency Medical Technician Lab FSC104 - Hazardous Materials First Responder Operations FSC105 - Firefighter I & II Certification Academy FSC155 - Basic Wildland Firefighting
--

Program Learning Outcomes

Program Learning Outcomes

Upon successful completion of the Fire Service - Advanced Firefighter Certificate program, the learner will be able to:

- Explain the proper uses for various equipment/tools, the care and use of fire equipment ladders, and perform basic ladder raises for multi-person ladders.
- Describe and perform standard hose rolls and carries used by the fire service.
- Explain the need for proper ventilation.
- Explain the method and theory of fire cause determination as it applies to the firefighter to include securing the scene and legal considerations.
- Identify and explain the components and value of automatic sprinkler systems.
- Perform various drags, lifts, carries, wall breaching, narrow-space manipulation and hoisting techniques directly related to firefighter safety and self-survival.
- Identify various hazardous materials and their potential dangers.
- Perform CPR for victims of all ages and demographics.
- Provide first aid for victims of all ages and demographics.
- Describe principles and techniques of emergency medical care as performed by the EMT-Basic in accordance with national and state curriculum.
- Define differences in logistical approaches to wildland and wildfire suppression.

Fire Service Driver/Operator Certificate

General Information

Program Description

The Fire Service Driver/Operator certificate is designed to prepare the student to become a driver/operator of fire service pumping apparatus and hydraulics as it relates to the fire service.

Credit Hours

18

Program Notes

Program Requirements

Simple Requisites

<p>Program Requirements</p> <p>Required Courses</p> <p>Type Completion Requirement</p> <p>Total Credits: 18</p> <p>Complete ALL of the following Courses:</p> <ul style="list-style-type: none"> • FSC137 - Fire Protection Hydraulics and Water Supply • FSC235 - Fire Protection Systems • FSC236 - Occupational Safety and Health for Emergency Services • FSC238 - Strategy and Tactics • FSC239 - Fire Department Company Officer • FSC241 - Building Construction for Fire Protection

Program Learning Outcomes

Program Learning Outcomes

Upon successful completion of the Fire Service Driver/Operator Certificate program, the learner will be able to:

1. Describe principles and characteristics of hydraulics and operate fire hydraulic pumps currently in use in the fire service.
2. Describe the function and purpose of fire protection systems.
3. Prescribe safety procedures for personnel operating in the fire ground.
4. Direct firefighting operations to achieve life safety, property conservation, and environmental protection.
5. Lead functions and processes as the emergency scene commander.
6. Determine factors and principles related to fire resistance, building codes and fire suppression issues.

Fire Service Company Officer Certificate

General Information

Program Description

The Fire Service Company Officer certificate is designed for those interested in fire service leadership/management and in becoming a fire service officer.

Credit Hours

22

Program Notes

Program Requirements

Simple Requisites

<p>Program Requirements</p> <p>Required Courses</p> <p>Type Completion Requirement</p> <p>Total Credits: 22</p> <p>Complete ALL of the following Courses:</p> <ul style="list-style-type: none"> • FSC210 - Advanced Fire Behavior and Combustion • FSC225 - Legal Aspects of Emergency Services • FSC236 - Occupational Safety and Health for Emergency Services • FSC238 - Strategy and Tactics • FSC239 - Fire Department Company Officer • FSC240 - Principles of Fire and Emergency Service Administration • FSC241 - Building Construction for Fire Protection

Program Learning Outcomes

Program Learning Outcomes

Upon successful completion of the Fire Service Company Officer Certificate program, the learner will be able to:

1. Discuss the legal issues and concerns affecting emergency services.
2. Prescribe safety procedures for personnel operating in the fire ground.
3. Use basic terms and concepts associated with the chemistry and dynamics of fire.
4. Direct firefighting operations to achieve life safety, property conservation, and environmental protection.
5. Lead functions and processes as the emergency scene commander.
6. Incorporate and manage cost containment, budgeting, data analysis, personnel evaluation, community planning, and departmental and public organization.
7. Determine factors and principles related to fire resistance, building codes and fire suppression issues.

Fire Service Community Risk Reduction Certificate

General Information

Program Description

The Fire Service Community Risk Reduction certificate is designed for those interested in training in the area of risk management with a fire prevention emphasis.

Credit Hours

22

Program Requirements

Simple Requisites

<p>Program Requirements</p> <p>Required Courses</p> <p>Type Completion Requirement</p> <p>Total Credits: 22</p> <p>Complete ALL of the following Courses:</p> <ul style="list-style-type: none"> • FSC104 - Hazardous Materials First Responder Operations • FSC135 - Fire Prevention • FSC210 - Advanced Fire Behavior and Combustion • FSC225 - Legal Aspects of Emergency Services • FSC234 - Fire Investigation • FSC235 - Fire Protection Systems • FSC241 - Building Construction for Fire Protection
--

Program Learning Outcomes

Program Learning Outcomes

Upon successful completion of the Fire Service Community Risk Reduction Certificate program, the learner will be able to:

1. Identify various hazardous materials and their potential dangers.
2. Explain issues related to fire prevention and the components and steps of inspection and enforcement.
3. Discuss the legal issues and concerns affecting emergency services.
4. Explain the basic elements of fire dynamics, construction, and fire protection systems as to how they affect origin and cause determination.
5. Describe the function and purpose of fire protection systems.
6. Determine factors and principles related to fire resistance, building codes and fire suppression issues.
7. Use basic terms and concepts associated with the chemistry and dynamics of fire.

Fitness Trainer/Instructor Certificate

General Information

Program Description

The Fitness Trainer/Instructor certificate provides students with a cross-disciplinary foundation in the fields of exercise science, sports nutrition, wellness and first aid as applied to personal training and group fitness programming and instruction. It is an ideal path for students needing ACE exam review preparation, for those planning to pursue a bachelor's degree in a similar area of study, or for current professionals seeking to update and enhance their knowledge and skills.

Credit Hours

16

Program Notes

This program can be completed entirely online.

Program Requirements

Simple Requisites

<p>Program Requirements</p> <p>Required Courses</p> <p>Type Completion Requirement</p> <p>Total Credits: 16</p> <p>Complete ALL of the following Courses:</p> <ul style="list-style-type: none"> • EXW100M - Foundations of Mind-Body Exercise • EXW130H - Weight Management • EXW152 - Personal Health and Wellness • EXW157 - Performance Nutrition • EXW251 - Integrated and Applied Exercise Sciences • EXW252 - ACE Personal Trainer Preparation

Program Learning Outcomes

Program Learning Outcomes

Upon successful completion of the Fitness Trainer/Instructor Certificate program, the learner will be able to:

1. Use F.I.T.T.E. and strength training principles to develop and evaluate the effectiveness of programs for individuals and/or groups that will enhance the five components of fitness.
2. Explain the acute and chronic effects and adaptations of exercise on the cardiovascular and musculoskeletal system.
3. Describe how behavior modification strategies apply to the relationship between diet and exercise within the scope of practice of a personal trainer.
4. Explain medical procedures as they relate to exercise.
5. Integrate mind-body components into the design of personal training sessions.

Management - Foundations of Leadership Certificate

General Information

Program Description

The Management - Foundations of Leadership Certificate is designed to provide aspiring leaders and early-career professionals with the essential skills and knowledge required to excel in leadership roles across various organizational settings. This online certificate program focuses on laying a strong foundation in leadership principles, emphasizing practical skills and real-world applications. Coursework covers basic leadership theories, effective communication, team collaboration, problem-solving, and ethical decision-making.

Credit Hours

3

Program Notes

This program can be completed entirely online.

This certificate is not eligible for Federal Financial Aid. To explore other financial aid opportunities, please visit YC Admission.

Program Requirements

Simple Requisites

<p>Program Requirements</p> <p>Required Courses</p> <p>Type Completion Requirement</p> <p>Total Credits: 3</p> <p>Complete ALL of the following Courses:</p> <ul style="list-style-type: none"> LDR111 - Leadership & Innovation LDR112 - Leadership & Collaboration LDR113 - Leadership & Communication

Program Learning Outcomes

Program Learning Outcomes

Upon successful completion of the Foundations of Leadership Certificate, the learner will be able to:

1. Demonstrate the use of leadership skills in various workplace settings.
2. Identify ways to create a work atmosphere that stimulates creativity and innovation.
3. Apply various communication techniques for a leadership position.
4. Identify essential elements of a leadership role.

Graphic Design Certificate

General Information

Program Description

Completion of this program of study prepares students for entry-level employment in design, printing, and digital media studios.

Students will develop technical competencies in typography, layout, digital imaging, motion graphics, and website design using Adobe Creative Cloud. Application of basic design principles to produce print- and screen-ready deliverables.

Credit Hours

33

Program Requirements

Simple Requisites

<p>Program Requirements</p> <p>Required Courses</p> <p>Type Completion Requirement</p> <p>Total Credits: 33</p> <p>Complete ALL of the following Courses:</p> <ul style="list-style-type: none"> ART110 - Drawing I ART112 - Two-Dimensional Design ART114 - Color ART139 - Fundamentals of Video Editing ART201 - Art History: Pre-Renaissance through the 21st Century DES100 - Digital Design Studio DES101 - Principles of Visual Communication I DES102 - Letters and Typography DES103 - Principles of Visual Communication II ENG101 - College Composition I OR ENG101H - College Composition I Honors FMA138 - VFX and Motion Graphics
--

Program Learning Outcomes

Program Learning Outcomes

Upon successful completion of the Graphic Design Certificate program, the learner will be able to:

1. Apply design elements and principles to communicate visually.
2. Create deliverables that integrate multiple design elements.
3. Use typography to achieve specific design solutions.
4. Construct design work referencing fine art techniques.
5. Employ industry standard software.
6. Evaluate visual work using discipline-specific vocabulary.
7. Relate historical and contemporary art/design examples to design decisions.

Custom Firearms Design and Manufacturing Certificate

General Information

Program Description

The Custom Firearms Design and Manufacturing Certificate prepares students with highly specialized training in the areas of Precision Slide and Barrel Fitting, Custom Stock Design and Fabrication, and Advanced CNC Programming and Operation to incorporate modern manufacturing technologies, enhance precision machining and design capabilities, and ensure graduates are prepared for the technical demands of today's gunsmithing industry.

Credit Hours

11

Program Notes

To obtain the optional Custom Firearms Design and Manufacturing Certificate, students must be concurrently enrolled in the Gunsmithing Program and complete four specific courses across the semesters without breaks. Enrollment in the first semester is mandatory, as this course block is not available for separate enrollment.

Program Requirements

Simple Requisites

Program Requirements

Required Courses

Type
Completion Requirement

Total Credits: 11

Complete ALL of the following Courses:

- GST211 - Firearms Part Design and CNC Simulation
- GST224 - CNC Machining for Gunsmithing Applications
- GST230 - Precision Gun Parts Manufacturing
- GST240 - Guild-Level Firearms Manufacturing

Program Learning Outcomes

Program Learning Outcomes

Upon successful completion of the Custom Firearms Design and Manufacturing Certificate, the learner will be able to:

1. Program and operate CNC machinery.
2. Demonstrate advanced gunsmithing skills.
3. Design custom firearm stocks and components.
4. Fabricate custom firearm stocks and components.
5. Interpret technical drawings, models, and manufacturing documentation.
6. Employ industry-standard safety, quality control, and compliance practices.

Gunsmithing - AAS

General Information

Program Description

The Gunsmithing degree program prepares students for employment in entry-level positions in firearm and metal industries.

Credit Hours

75

Program Notes

Since there is a special admission process for this program, prospective students should contact the Advising Center or visit our website at <https://www.yc.edu/v6/schools/cate/gunsmithing.html> for detailed information.

Program Requirements

Simple Requisites

Program Requirements

General Education Courses

Type
Completion Requirement

Total Credits: 19

Complete ALL of the following Requirement Set:

- General Education Curriculum (AAS-19)

Required Courses:

Type
Completion Requirement

Total Credits: 48

Complete ALL of the following Courses:

- GST101 - Gunsmithing Fundamentals
- GST151 - Novice Gunsmithing
- GST201 - Intermediate Gunsmithing
- GST251 - Advanced Gunsmithing

Elective Courses

Type
Completion Requirement

Total Credits: 8

Earn at least 8 credits from the following:

- GST191 - Basic Engraving
- GST192 - Advanced Engraving
- GST195A - Gunsmithing Practicum
- GST195B - Gunsmithing Practicum
- GST291 - Professional Engraving
- GST295A - Advanced Gunsmithing Practicum
- GST295B - Advanced Gunsmithing Practicum
- CNC101 - CNC Machine Operator
- CNC102 - CNC Machine Setup
- WLD113 - SMAW/GMAW Welding for Non-Welding Majors

Program Learning Outcomes

Program Learning Outcomes

Upon successful completion of the Gunsmithing Degree program, the learner will be able to:

1. Safely operate hand and machine tools common to the gunsmithing trade.
2. Use micrometers, indicators, verniers and various gauges for measuring.
3. Develop ballistic data and document research assignments.
4. Disassemble and prepare firearms for metal finishing and reassemble.
5. Identify, disassemble, and assemble different rifle operating systems.
6. Prepare glass bed, install accessories, and apply finish.
7. Identify different top break shotgun operating systems.
8. Identify, disassemble, and assemble different handgun operating systems.
9. Install rifle barrels using proven methods to enhance accuracy.
0. Manufacture specialty accessories encountered in the firearms industry.
1. Communicate professionally with customers and vendors.
2. Develop a business plan suitable for a small business loan application.
3. Develop an accurate price list for performing technical services.

Gunsmithing Certificate

General Information

Program Description

The Gunsmithing certificate prepares the student for direct employment as a gunsmith in an established shop.

Credit Hours

56

Program Notes

There is a special admission process for this program. Prospective students should contact an academic advisor for detailed information.

Program Requirements

Simple Requisites

Program Requirements

Required Courses

Type

Completion Requirement

Total Credits: 56

Complete ALL of the following Courses:

- GST101 - Gunsmithing Fundamentals
- GST151 - Novice Gunsmithing
- GST201 - Intermediate Gunsmithing
- GST251 - Advanced Gunsmithing

Program Electives

Type

Completion Requirement

Earn at least 8 credits from the following:

- GST191 - Basic Engraving
- GST192 - Advanced Engraving
- GST195A - Gunsmithing Practicum
- GST195B - Gunsmithing Practicum
- GST291 - Professional Engraving
- GST295A - Advanced Gunsmithing Practicum
- GST295B - Advanced Gunsmithing Practicum
- CNC101 - CNC Machine Operator
- CNC102 - CNC Machine Setup
- WLD113 - SMAW/GMAW Welding for Non-Welding Majors

Program Learning Outcomes

Program Learning Outcomes

Upon successful completion of the Gunsmithing Certificate program, the learner will be able to:

1. Safely operate hand and machine tools common to the gunsmithing trade.
2. Use micrometers, indicators, verniers and various gauges for measuring.
3. Develop ballistic data and document research assignments.
4. Disassemble and prepare firearms for metal finishing and reassemble.

5. Identify, disassemble, and assemble different rifle operating systems.
6. Prepare glass bed, install accessories, and apply finish to a rifle stock.
7. Identify different top break shotgun operating systems.
8. Identify, disassemble, and assemble, different handgun operating systems.
9. Install rifle barrels using proven methods to enhance accuracy.
0. Manufacture specialty accessories encountered in the firearms industry.
1. Communicate professionally with customers and vendors.
2. Develop a business plan suitable for a small business loan application.
3. Develop an accurate price list for performing technical services.

HVAC Installation & Maintenance Technician Certificate

General Information

Program Description

The HVAC Installation & Maintenance Technician Certificate provides students with the knowledge and skills needed to enter into the HVAC/Refrigeration industry in entry-level positions.

Credit Hours

24

Program Notes

Program Requirements

Simple Requisites

Program Requirements

Required Courses

Type

Completion Requirement

Total Credits: 24

Complete ALL of the following Courses:

- HVA100 - Introduction to HVAC I
- HVA110 - Introduction to HVAC II
- HVA111 - Basic Electricity for HVAC Technicians
- HVA112 - EPA Refrigerant Certification Prep
- HVA215 - Refrigerant Technology I
- HVA220 - HVAC Circuits and Motors
- HVA225 - Heating Technologies I
- HVA230 - HVAC Troubleshooting

Program Learning Outcomes

Program Learning Outcomes

Upon successful completion of the HVAC Service Technician Certificate program, the learner will be able to:

1. Identify HVAC and Refrigeration equipment and system components, their functions, and their relationship within a system.
2. Describe the fundamentals of electricity and explain its application in HVAC/ Refrigeration equipment.
3. Develop and apply competent wiring skills.
4. Troubleshoot, diagnose service systems and perform service tasks.
5. Demonstrate knowledge of safety rules and regulations.

Integrative Health (Fitness/Reiki Trainer) - AAS

General Information

Program Description

The Integrative Health (Fitness/Reiki Trainer) AAS provides students with a cross-disciplinary foundation in the fields of exercise science, sports nutrition, wellness and first aid as applied to personal training and group fitness programming and instruction. It is an ideal path for students needing American Council on Exercise (ACE): Personal Trainer exam review preparation, for those planning to pursue a bachelor's degree in a similar area of study, or for current professionals seeking to update and enhance their knowledge and skills.

Credit Hours

60

Program Notes

This program will launch Spring 2027.

Program Requirements

Simple Requisites

Program Requirements
<p>General Education Courses</p> <p>Type Completion Requirement</p> <p>Total Credits: 19</p> <p>Complete ALL of the following Requirement Set:</p> <ul style="list-style-type: none"> General Education Curriculum for Integrative Health - Fitness/Reiki Trainer (AAS)
<p>Required Courses</p> <p>Type Completion Requirement</p> <p>Total Credits: 41</p> <p>Students will earn the Fitness Instructor/Trainer Certificate after completing the following courses: EXW 100M, 130H, 152, 157, 251, and 252.</p> <p>Complete ALL of the following Courses:</p> <ul style="list-style-type: none"> ENT210 - Vision to Business Plan - Entrepreneur's Institute EXW100M - Foundations of Mind-Body Exercise EXW130H - Weight Management EXW130J - Weight Loss and Health with Whole Food EXW152 - Personal Health and Wellness EXW157 - Performance Nutrition EXW160 - Health and Wellness Coaching EXW205 - Stress Management EXW210 - Introduction to Mindfulness Meditation and Self-Compassion EXW230 - Complementary and Integrative Health Therapies EXW251 - Integrated and Applied Exercise Sciences EXW252 - ACE Personal Trainer Preparation IHR110 - Western Approach to Reflexology IHF130 - Hatha Yoga IHF160 - T'ai Chi IHF190 - Reiki IHF220 - Herbal Remedies

- NTR135 - Human Nutrition

Program Learning Outcomes

Program Learning Outcomes

Upon successful completion of the Integrative Health (Fitness/Reiki Trainer) degree program, the learner will be able to:

- Use Frequency Intensity Time Type Enjoyment (F.I.T.T.E.) and strength training principles to develop and evaluate the effectiveness of programs for individuals and/or groups that will enhance the five components of fitness.
- Explain the acute and chronic effects and adaptations of exercise on the cardiovascular and musculoskeletal system.
- Describe how behavior modification strategies apply to the relationship between diet and exercise within the scope of practice of a personal trainer.
- Explain medical procedures as they relate to exercise.
- Integrate mind-body components into the design of personal training sessions.

Integrative Health (Massage Therapy) - AAS

General Information

Program Description

The Integrative Health (Massage Therapy) AAS provides comprehensive preparation for entry-level practice in a variety of clinical, spa, and wellness settings. The curriculum includes relaxation and therapeutic massage, massage therapy for special populations, spa treatments, and hydrotherapy. Supporting coursework includes body mechanics, anatomy, pathophysiology, business practices, and complementary and integrative health therapies.

Credit Hours

63

Program Notes

This program will launch Spring 2027.

Program Requirements

Simple Requisites

Program Requirements
<p>General Education Courses</p> <p>Type Completion Requirement</p> <p>Total Credits: 19</p> <p>Complete ALL of the following Requirement Set:</p> <ul style="list-style-type: none"> General Education Curriculum for Integrative Health - Massage Therapy (AAS)
<p>Required Courses</p> <p>Type Completion Requirement</p> <p>Total Credits: 44</p> <p>Students will earn the Massage Therapy Certificate after completing the following courses: AHS 240, BIO 160, BSA 131, EXW 230, and all IHM courses in the program.</p> <p>Complete ALL of the following Courses:</p> <ul style="list-style-type: none"> AHS240 - Human Disease Process BSA131 - Introduction to Business ENT210 - Vision to Business Plan - Entrepreneur's Institute EXW130J - Weight Loss and Health with Whole Food EXW160 - Health and Wellness Coaching EXW205 - Stress Management EXW230 - Complementary and Integrative Health Therapies IHM130 - Applied Massage Therapy IHM150 - Therapeutic Massage I IHM155 - Practicum: Relaxation Massage IHM170 - Therapeutic Massage II IHM175 - Practicum: Therapeutic Massage IHM210 - Therapeutic Massage III IHM215 - Practicum: Massage Therapy for Special Populations IHM230 - Therapeutic Massage IV IHM235 - Practicum: Spa/Hydrotherapy IHM250 - Therapeutic Massage V

- NTR135 - Human Nutrition

Program Learning Outcomes

Program Learning Outcomes

Upon successful completion of the Integrative Health (Massage Therapy) degree program, the learner will be able to:

- Demonstrate various methods of massage therapy.
- Discuss massage benefits and contraindications.
- Demonstrate proper body mechanics.
- Demonstrate draping, hygiene, sanitation and safety for client care.
- Apply ethical and legal requirements for integrative health.
- Utilize anatomy, physiology, and medical terminology.
- Apply various massages to clients with specific needs.
- Communicate professionally, including verbal and nonverbal interactions, with others.
- Demonstrate clinical documentation.
- Combine professional components such as job readiness and workplace dynamics as they relate to massage therapy.
- Evaluate massage therapy's role in complementary and alternative medicine.

Massage Therapy Certificate

General Information

Program Description

The Massage Therapy Certificate provides comprehensive preparation for entry-level practice in a variety of clinical, spa, and wellness settings. The curriculum includes relaxation and therapeutic massage, massage therapy for special populations, spa treatments, and hydrotherapy. Supporting coursework includes body mechanics, anatomy, pathophysiology, business practices, and complementary and integrative health therapies.

Credit Hours

36

Program Notes

This program will launch Spring 2027.

This certificate has been submitted to the accreditor and is pending HLC approval.

7. Apply various massages to clients with specific needs.
8. Communicate professionally, including verbal and nonverbal interactions, with others.
9. Demonstrate clinical documentation.
10. Combine professional components such as job readiness and workplace dynamics as they relate to massage therapy.
11. Evaluate massage therapy's role in complementary and alternative medicine.

Program Requirements

Simple Requisites

Program Requirements

Required Courses

Type
Completion Requirement

Total Credits: 36

Complete ALL of the following Courses:

- AHS240 - Human Disease Process
- BIO160 - Introduction to Human Anatomy and Physiology
- BSA131 - Introduction to Business
- EXW230 - Complementary and Integrative Health Therapies
- IHM130 - Applied Massage Therapy
- IHM150 - Therapeutic Massage I
- IHM155 - Practicum: Relaxation Massage
- IHM170 - Therapeutic Massage II
- IHM175 - Practicum: Therapeutic Massage
- IHM210 - Therapeutic Massage III
- IHM215 - Practicum: Massage Therapy for Special Populations
- IHM230 - Therapeutic Massage IV
- IHM235 - Practicum: Spa/Hydrotherapy
- IHM250 - Therapeutic Massage V

Program Learning Outcomes

Program Learning Outcomes

Upon successful completion of the Massage Therapy Certificate, the learner will be able to:

1. Demonstrate various methods of massage therapy.
2. Discuss massage benefits and contraindications
3. Demonstrate proper body mechanics.
4. Demonstrate draping, hygiene, sanitation and safety for client care.
5. Apply ethical and legal requirements for integrative health.
6. Utilize anatomy, physiology, and medical terminology.

Integrative Health (Reflexology) - AAS

General Information

Program Description

The Integrative Health (Reflexology) AAS is designed to prepare students for professional practice in the growing field of integrative and complementary health care. Reflexology is a science and art based on the principle that reflex areas in the feet, hands, ears, and other points correspond to glands, organs, and systems of the body. This degree program provides a strong foundation in reflexology theory and practice, including assessment techniques, therapeutic protocols, energetic applications, auriculotherapy, and integration with aromatherapy, acupressure, Thai massage, and wellness coaching.

Students gain both theoretical knowledge and extensive hands-on experience, with a curriculum that blends Western science and anatomy with traditional and holistic approaches. The program emphasizes professional standards, ethics, client safety, and communication skills to prepare graduates for reflexology practice in wellness centers, spas, integrative health clinics, and private practice.

This program follows national standards in reflexology education and is aligned with recognized reflexology competencies. Standards require hybrid and in-person learning only, with 200 hours in-person with 30 hours hands on feet. The State of Arizona: Reflexology is exempt from massage law, no state license. However, this program makes you eligible to sit for American Reflexology Certification Board (ARCB) exam and certification.

Credit Hours

63

Program Notes

This program will launch Spring 2027.

Program Requirements

Simple Requisites

Program Requirements

General Education Courses

Type

Completion Requirement

Total Credits: 19

Complete ALL of the following Requirement Set:

- General Education Curriculum (AAS-19)

Required Courses

Type

Completion Requirement

Total Credits: 44

Students will earn the Reflexology Certificate after completing all IHR courses in the program.

Complete ALL of the following Courses:

- AHS173 - Legal and Ethical Issues in Healthcare
- ENT210 - Vision to Business Plan - Entrepreneur's Institute
- EXW100M - Foundations of Mind-Body Exercise
- EXW130J - Weight Loss and Health with Whole Food
- EXW160 - Health and Wellness Coaching
- EXW205 - Stress Management

- EXW230 - Complementary and Integrative Health Therapies
- IHR110 - Western Approach to Reflexology
- IHR130 - Pathology & Assessment in Reflexology
- IHR150 - Emotional Balance in Reflexology
- IHR170 - Auriculotherapy in Reflexology
- IHR190 - Reflexology Assessment I
- IHR200 - Introduction to Energetic Acupressure
- IHR210 - Aromatherapy & Foot Chakra Reflexology
- IHR230 - Reflexology Assessment II
- IHR240 - Polarity in Reflexology
- IHR250 - Thai Foot Massage
- IHR260 - East Indian Massage: Head Acupressure
- IHR270 - Hand Reflexology
- IHR280 - Face-Lift Acupressure
- NTR135 - Human Nutrition

Program Learning Outcomes

Program Learning Outcomes

Upon successful completion of the Integrative Health (Reflexology) degree program, the learner will be able to:

1. Demonstrate proficiency in reflexology theory and practice for feet, hands, ears, and related protocols.
2. Apply knowledge of anatomy, physiology, and pathology in reflexology assessment and treatment planning.
3. Utilize integrative techniques to enhance reflexology sessions.
4. Facilitate emotional balance and client self-awareness through mindful communication, dialogue, and coaching strategies.
5. Perform comprehensive reflexology assessments.
6. Incorporate cultural diversity, traditional healing approaches, and holistic perspectives into client-centered care.
7. Communicate with clients and health professionals, ensuring ethical and professional standards.
8. Develop treatment plans in professional reflexology practice.
9. Identify ethical, legal, safety and liability issues.
10. Integrate health and wellness coaching principles to support client lifestyle change and well-being.
11. Demonstrate readiness for professional reflexology practice.

Reflexology Certificate

General Information

Program Description

The Reflexology Certificate is designed to prepare students for professional practice in the growing field of integrative and complementary health care. Reflexology is a science and art based on the principle that reflex areas in the feet, hands, ears, and other points correspond to glands, organs, and systems of the body. This degree program provides a strong foundation in reflexology theory and practice, including assessment techniques, therapeutic protocols, energetic applications, auriculotherapy, and integration with aromatherapy, acupressure, Thai massage, and wellness coaching.

Students gain both theoretical knowledge and extensive hands-on experience, with a curriculum that blends Western science and anatomy with traditional and holistic approaches. The program emphasizes professional standards, ethics, client safety, and communication skills to prepare graduates for reflexology practice in wellness centers, spas, integrative health clinics, and private practice.

This program follows national standards in reflexology education and is aligned with recognized reflexology competencies. Standards require hybrid and in-person learning only, with 200 hours in-person with 30 hours hands on feet. The State of Arizona: Reflexology is exempt from massage law, no state license. However, this program makes you eligible to sit for American Reflexology Certification Board (ARCB) exam and certification.

Credit Hours

26

Program Notes

This program will launch Spring 2027.

This certificate has been submitted to the accreditor and is pending HLC approval.

Program Requirements

Simple Requisites

Program Requirements
<p>Required Courses</p> <p>Type Completion Requirement</p> <p>Total Credits: 26</p> <p>Complete ALL of the following Courses:</p> <ul style="list-style-type: none"> • IHR110 - Western Approach to Reflexology • IHR130 - Pathology & Assessment in Reflexology • IHR150 - Emotional Balance in Reflexology • IHR170 - Auriculotherapy in Reflexology • IHR190 - Reflexology Assessment I • IHR200 - Introduction to Energetic Acupressure • IHR210 - Aromatherapy & Foot Chakra Reflexology • IHR230 - Reflexology Assessment II • IHR240 - Polarity in Reflexology • IHR250 - Thai Foot Massage • IHR260 - East Indian Massage: Head Acupressure • IHR270 - Hand Reflexology • IHR280 - Face-Lift Acupressure

Program Learning Outcomes

Program Learning Outcomes

Upon successful completion of the Reflexology certificate program, the learner will be able to:

1. Demonstrate proficiency in reflexology theory and practice for feet, hands, ears, and related protocols.
2. Apply knowledge of anatomy, physiology, and pathology in reflexology assessment and treatment planning.
3. Utilize integrative techniques to enhance reflexology sessions.
4. Facilitate emotional balance and client self-awareness through mindful communication, dialogue, and coaching strategies.
5. Perform comprehensive reflexology assessments.
6. Incorporate cultural diversity, traditional healing approaches, and holistic perspectives into client-centered care.
7. Communicate with clients and health professionals, ensuring ethical and professional standards.
8. Develop treatment plans in professional reflexology practice.
9. Identify ethical, legal, safety and liability issues.
10. Integrate health and wellness coaching principles to support client lifestyle change and well-being.
11. Demonstrate readiness for professional reflexology practice.

Law Enforcement Certificate

General Information

Program Description

The Law Enforcement Certificate is designed for those interested in training in the law enforcement/corrections field. Emphasis is on the study of crime and delinquency within the criminal justice system, particularly as to the response of law enforcement, corrections and the courts to violations of the law.

The Police Training Academy (AJS 295) is accredited by the Arizona Peace Officers Standards and Training Board (AZ POST) in providing Basic Peace Officer training to individuals meeting the requirements of the training board and appointing police agencies. The curriculum includes the study of criminal investigations, police community relations, traffic accident investigation, introduction to administration of justice, law, legal principles, patrol procedures, vehicle operations, report and technical writing, physical conditioning, defense tactics, impact weapons, firearm proficiency and safety, first aid, fundamentals of hazardous materials, stress management and use of force. Students must be screened and appointed by an Arizona Law Enforcement Agency. Upon successful completion of AJS 295, students are eligible to be hired as police officers in the state.

Credit Hours

42

Program Notes

IMPORTANT: [Professional Licensure Disclosure](#)

Students enrolling in AJS 295 must be screened and appointed by an Arizona Law Enforcement Agency.

Program Requirements

Simple Requisites

Program Requirements
Required Courses
Type Completion Requirement
Total Credits: 42
Complete ALL of the following Courses:
<ul style="list-style-type: none">AJS295 - Police Training Academy

- Describe the connection between police and constitutional law.
- Identify the principles of physical, mental, and emotional wellness and conditioning.
- Discuss the statutes and regulations regarding the use of force.
- Analyze the dynamics of internal police culture.

Program Learning Outcomes

Program Learning Outcomes

Upon successful completion of the Law Enforcement and Corrections Certificate program, the learner will be able to:

- Describe the role and responsibility of a law enforcement officer and adherence to police procedures.
- Demonstrate the safe and proper use of police procedures.
- Describe methods and practices of modern crime prevention.
- Identify social and psychological factors important in human interactions.
- Explain ethical and culturally responsive policing or police interactions.
- Describe the structure of the American court system.
- Explain the role of law enforcement in handling crisis cases.

Practical Nursing Fast Track Certificate

General Information

Program Description

The Practical Nursing Fast Track Certificate program provides students with the theory and skills required to practice as a practical nurse in acute care, extended care, and intermediate care settings. The program of study combines nursing theory lectures with clinical experiences in a variety of client care settings including hospitals, nursing homes and other healthcare agencies. Graduates are eligible to take the National Council Licensure Examination (NCLEX-PN) to become a licensed practical nurse (LPN).

Credit Hours

22

Program Notes

[Click to view Professional Licensure Disclosure](#)

Application Requirements

Prior to program application, the applicant must have an active Arizona certification or licensure as a CNA or LNA, or MMP, with one year of full-time or two years of part-time recent work experience; a successful score on ATI TEAS entrance exam; and high-school diploma or GED. There are special requirements for admission to the Practical Nursing Fast Track Certificate. It is recommended that students work closely with their advisor to ensure all application requirements are fully met. The application can be found at the Allied Health website: www.yc.edu/alliedhealth

Conditional Acceptance

Upon conditional program acceptance, the student must comply with all requirements of the Practical Nursing Fast Track Certificate program. These include criminal background, health, safety, and drug screenings. For detailed program information, visit www.yc.edu/alliedhealth

Health Declaration

It is essential that practical nursing students be able to perform a number of physical activities in the laboratory and clinical portions of the program. At minimum, students will be required to transfer and move clients, stand for several hours at a time, perform bending activities and perform fine motor skills with dexterity. The clinical nursing experience places students under considerable mental and emotional stress as they undertake responsibilities and duties impacting client's lives. Students must be able to demonstrate rational and appropriate behavior under stressful conditions. Individuals should give careful consideration to the mental and physical demands of the program prior to applying. The essential skills and functional ability standards for the program are identified in the application.

Licensure

Admission or graduation from the Practical Nursing Fast Track Certificate program does not guarantee licensure to practice nursing. Graduates of the Practical Nursing Fast Track Certificate program are eligible to apply and take the National Council Licensure Exam (NCLEX) for the Practical Nurse (PN). Licensure requirements and the subsequent procedures are the exclusive right and responsibility of the Arizona State Board of Nursing. Students must satisfy the requirements of the Nurse Practice Act, independently of any program requirements for graduation.

Program Requirements

Simple Requisites

Program Requirements

Required Courses

Type

Completion Requirement

Total Credits: 22

Complete ALL of the following Courses:

- LPN101 - Fundamentals of Practical Nursing Care I
- LPN105 - Development of Practical Nursing
- LPN110 - Application of Practical Nursing I
- LPN115 - Pharmacology for Practical Nursing I
- LPN201 - Fundamentals of Practical Nursing Care II
- LPN205 - Advanced Development of Practical Nursing
- LPN210 - Application of Practical Nursing II
- LPN215 - Pharmacology for Practical Nursing II

Program Learning Outcomes

Program Learning Outcomes

Upon successful completion of the Practical Nursing Fast Track Certificate program, the learner will be able to:

1. Engage in holistic practice that respects the dignity, diversity, and self-determination of adult, obstetric, newborn, and pediatric clients, and their families (Client Centered Care).
2. Collaborate and communicate effectively with clients, families, and members of the interprofessional team to coordinate holistic care (Teamwork and Collaboration).
3. Demonstrate critical thinking skills and evidence-based practice through utilization of the nursing process as a guideline in providing nursing care to meet the physical, mental, and psychosocial health care needs of the adult, obstetric, newborn, and pediatric client (Evidenced-Based Practice).
4. Assist with the evaluation of nursing care based on established outcome criteria (Quality Improvement).
5. Demonstrate skills in client safety, medication administration, the nursing process, and specific client care (Safety).
6. Illustrate use of relevant technology for client care and documentation (Informatics).

Practical Nursing Transition Certificate

General Information

Program Description

The Practical Nursing Transition Certificate is an 8-week transition course designed for the nursing student who wishes to take the NCLEX-PN and begin a career as a practical nurse.

Credit Hours

1.5

Program Notes

[Click to view Professional Licensure Disclosure](#)

This certificate is not eligible for Federal Financial Aid. To explore other financial aid opportunities, please visit YC Admission.

There are special admission requirements for the LPN certificate program, including admission to the Nursing program and completion of NSG 151, NSG 152, NSG 153, NSG 154, NSG 155, and BIO 205.

Program Requirements

Simple Requisites

Program Requirements
<p>Required Courses</p> <p>Type Completion Requirement</p> <p>Total Credits: 1.5</p> <p>Complete ALL of the following Courses:</p> <ul style="list-style-type: none"> LPN190 - Practical Nursing Transition

Program Learning Outcomes

Program Learning Outcomes

Upon successful completion of the Practical Nursing Transition Certificate, the learner will be able to:

1. Recognize the client or designee as the source of control and full partner in providing compassionate and coordinated care based on respect for client's preferences, values and needs. (Client Centered Care)
2. Function effectively within nursing and interprofessional teams, fostering open communication, mutual respect, and shared decision-making to achieve quality patient care. (Teamwork and Collaboration)
3. Integrate best current evidence with clinical expertise and client/family preferences and values for delivery of optimal healthcare. (Evidence Based Practice)
4. Use data to monitor the outcomes of care processes and use improvement methods to design and test changes to continuously improve the quality and safety of health care systems. (Quality Improvement)
5. Minimize risk of harm to clients and providers through both system effectiveness and individual performance. (Safety)
6. Use information and technology to communicate, manage knowledge, mitigate error and support decision-making. (Informatics)

Limited X-Ray Machine Operator Certificate

General Information

Program Description

The Limited X-Ray Machine Operator Certificate is a one (1) year program. The certificate program will prepare students for entry level positions as nationally credentialed limited technologists and/or as certified practical technologists in radiology (CPTR), within the state of Arizona. The program is designed around a model of online coursework, face-to-face laboratory courses, as well as, clinical education which is a hands-on experience within an assigned clinical setting. This career ladder opportunity assists MAs and other healthcare employees in obtaining stackable credentials for job placement throughout a variety of healthcare settings.

Credit Hours

30

Program Notes

[Click to view Professional Licensure Disclosure](#)

This certificate is not currently eligible for Federal Financial Aid. To explore other financial aid opportunities, please visit YC Admission.

Application for Admission to the Limited X-Ray Machine Operator Certificate

A special application is required for admission to the Limited X-Ray Machine Operator Certificate program. It is recommended that students work closely with their advisor to ensure all application requirements are fully met. Refer to the website: www.yc.edu/radiology

Transfer Students

Students transferring from other regionally accredited institutions will have their completed general education coursework evaluated on an individual basis.

Health Declaration

It is essential that all radiology students be able to perform a number of physical activities in the clinical portion of the program. At minimum, students will be required to lift patients, stand for several hours at a time, perform bending activities, and perform fine motor skills with dexterity. The clinical education experience places students under considerable mental and emotional stress as they undertake responsibilities and duties impacting patients' lives. Students must be able to demonstrate rational and appropriate behavior under stressful conditions. Individuals should give careful consideration to the mental and physical demands of the program before applying. The technical standards for the program are identified in the application.

Graduation Requirement

All required courses for the Limited X-Ray Machine Operator Certificate must be completed with a minimum grade of 75%.

Licensure

Graduates who earn a Limited X-Ray Machine Operator Certificate are eligible to take the American Registry of Radiologic Technologists (ARRT) Limited Scope Radiography Examination, offered either through the State of Arizona or at the national level. The limited x-ray machine operator has an opportunity to be employed in a variety of healthcare settings such as hospitals, outpatient imaging centers, mobile imaging, and physician offices. In the State of Arizona, limited x-ray machine operators receive a certified practical technologist of radiology (CPTR) certification and function within their legal scope of practice set forth by state, the American Society of Radiologic Technologists (ASRT) Practice Standards, and the American Registry of Radiology Technology (ARRT) Standard of Ethics.

Transfer

Generally, 64 credits from community colleges are transferable to Arizona public universities: specific articulation information is available through AZTransfer at www.aztransfer.com

Program Requirements

Simple Requisites

<p>Program Requirements</p> <p>Total Credits: 30</p> <p>Type Completion Requirement</p> <p>Pre-Entry Requirements</p> <p>HESI A-2 Entrance Exam is required prior to consideration for placement into the Limited X-Ray Machine Operator Certificate. More information can be found at www.yc.edu/radiology.</p> <p>Biology Requirement - Total Credits : 4</p> <p>Complete ALL of the following Courses:</p> <ul style="list-style-type: none"> BIO160 - Introduction to Human Anatomy and Physiology OR BIO201 - Human Anatomy and Physiology I <p>Biology coursework <u>must be completed within the last ten years</u>.</p> <p>Core Requirements</p> <p>Complete ALL of the following Courses:</p> <ul style="list-style-type: none"> RAD100 - Introduction to Medical Imaging RAD101 - Limited Radiographic Positioning I RAD103 - Limited Radiographic Positioning II RAD104 - Limited Radiographic Positioning Lab II RAD105 - Limited Radiographic Positioning Lab I RAD115 - Introduction to Bone Densitometry RAD135 - Radiation Physics and Equipment RAD158 - Radiographic Image Production RAD161 - Radiology Clinical Education I RAD162 - Radiology Clinical Education II RAD170 - Radiology Patient Care and Pharmacology RAD175 - Radiation Biology and Protection RAD185 - Radiographic Image Analysis

Program Learning Outcomes

Program Learning Outcomes

Upon successful completion of the Limited X-Ray Machine Operator program, the learner will:

1. Demonstrate the clinical competency expected of entry-level limited x-ray machine operator.
2. Communicate effectively within the radiologic science industry.
3. Demonstrate critical thinking and problem-solving skills.
4. Exhibit professional behavior in alignment with the ethical and professional standards of radiologic science.

Magnetic Resonance Certificate

General Information

Program Description

The Magnetic Resonance (MRI) Certificate program consists of two courses designed to provide both facilitated and self-directed learning for radiologic professionals seeking to advance their skills and knowledge in advanced imaging techniques specific to magnetic resonance imaging. Participants must be in good standing with the American Registry of Radiologic Technologists (ARRT). The program, which can be completed in one semester, offers both didactic coursework and clinical skills experiences necessary to prepare the student to challenge the ARRT post-primary examination.

Credit Hours

6

Program Notes

[Click to view Professional Licensure Disclosure](#)

For an application packet and detailed program information, visit www.yc.edu/radiology.

This certificate is not eligible for Federal Financial Aid. To explore other financial aid opportunities, please visit YC Admission.

Program Requirements

Simple Requisites

<p>Program Requirements</p> <p>Required Courses</p> <p>Type Completion Requirement</p> <p>Total Credits: 6</p> <p>Complete ALL of the following Courses:</p> <ul style="list-style-type: none"> ICE200 - Magnetic Resonance Certification ICE210 - Magnetic Resonance Clinical Education I
--

Program Learning Outcomes

Program Learning Outcomes

Upon successful completion of the Magnetic Resonance Certificate program, the learner will be able to:

1. Demonstrate the clinical competency required for an entry-level MRI technologist, including proficiency in imaging techniques, patient care and adherence to safety standards.
2. Make informed decisions regarding imaging protocols, positioning adjustments, and procedural modifications to accommodate diverse patient needs.
3. Exhibit the expertise and clinical competence required to challenge the American Registry of Radiologic Technologists (ARRT) post-primary certification examination.

Management - AAS

General Information

Program Description

The Associate of Applied Science (AAS) degree in Management provides management training to prepare students to apply competencies needed for successful performance in management occupations. The program is designed for students seeking to update or develop essential management skills for the workplace. This degree prepares students for employment directly in the workforce as managers, assistant managers, supervisors, team leaders, and other related positions. Embedded in this degree are the Foundations of Leadership Certificate and Management Certificate with Organizational and Retail Management concentration programs. The AAS Management transfers into the Bachelor of Science in Business degree.

Credit Hours

61

Program Notes

Z-Degree

Students interested in pursuing the Bachelor of Science in Business after the Management AAS should complete the following electives: ACC 131, BSA 131, BSA228, ECN 232, and ECN 236. Refer to the Bachelor of Science in Business for detailed program requirements. Students are encouraged to see an academic advisor to assist with selecting the most appropriate courses.

This program can be completed entirely online.

Program Requirements

Simple Requisites

Program Requirements

General Education Courses

Type

Completion Requirement

Total Credits: 19

Complete ALL of the following Requirement Set:

- General Education Curriculum for Business (AAS)

Required Courses

Type

Completion Requirement

Total Credits: 27

Complete ALL of the following Courses:

- LDR111 - Leadership & Innovation
- LDR112 - Leadership & Collaboration
- LDR113 - Leadership & Communication
- MGT120 - Supervision Techniques
- MGT132 - Ethics in Business
- OR PHI232 - Business Ethics
- MGT140 - Organizational Behavior
- MGT220 - Principles of Management
- MGT223 - Human Resource Management
- MGT229 - Strategic Management
- MGT233 - Business Communication
- MKT240 - Principles of Marketing

*Students transferring to the Bachelor of Science in Business or Bachelor of Applied Science in Business should take PHI232 to fulfill the Arts and Humanities requirement.

Elective Courses

Type

Completion Requirement

Total Credits: 15

Earn at least 15 credits from the following:

- ACC131 - Principles of Accounting I
- BSA102 - Career Search and Success: Skills for Entering and Succeeding in the Workplace
- BSA131 - Introduction to Business
- BSA228 - Professional Productivity Solutions
- BSA237 - Legal Environment of Business
- BSA238 - Advanced Professional Productivity Solutions
- ECN296 - Internship: Business Administration
- ECN232 - Business Statistical Analysis
- ECN236 - Principles of Economics-Micro
- LDR201 - Leadership Essentials
- LDR202 - Strategic Leadership
- LDR203 - Organizational Leadership
- MGT183 - Managing Business Finances
- MGT188 - Competitor Differentiation
- MGT281 - High Performance Management
- MGT283 - Operations Management
- MGT285 - Growing your Business
- MGT288 - Business Plan Development
- MKT231 - Social Media Marketing
- MKT280 - Marketing Tactics and Techniques

Program Learning Outcomes

Program Learning Outcomes

Upon successful completion of the Management AAS Degree program, the learner will be able to:

1. Analyze and synthesize information through critical thinking.
2. Apply written, oral and interpersonal skills in business settings.
3. Use the management principles of planning, organizing, leading and controlling to solve common management issues.
4. Identify ethical issues and apply the values of professional responsibility.

Management Certificate

General Information

Program Description

The Management Certificate provides management training to prepare students to apply competencies needed for successful performance in management occupations. The program is designed for those seeking to update or develop essential management skills for the workplace and is available in two concentrations: Organizational Management and Retail Management (national endorsement by the WAFC).

Credit Hours

24

Program Notes

This program can be completed entirely online.

Program Requirements

Simple Requisites

Program Requirements
<p>Required Courses</p> <p>Type Completion Requirement</p> <p>Total Credits: 24</p> <p>Complete ALL of the following Courses:</p> <ul style="list-style-type: none">• MGT140 - Organizational Behavior• MGT220 - Principles of Management• MGT223 - Human Resource Management• MGT229 - Strategic Management• MGT233 - Business Communication• MKT240 - Principles of Marketing <p>Select one Management Concentration A or B and complete the requirements.</p> <p>Note: It is recommended that students take MGT 229 in the final semester of their program</p>
<p>A. Organizational Management Concentration:</p> <p>Type Completion Requirement</p> <p>Complete ALL of the following Courses:</p> <ul style="list-style-type: none">• MGT120 - Supervision Techniques• MGT132 - Ethics in Business
<p>B. Retail Management Concentration</p> <p>Type Completion Requirement</p> <p>Complete ALL of the following Courses:</p> <ul style="list-style-type: none">• ACC131 - Principles of Accounting I• BSA228 - Professional Productivity Solutions

Program Learning Outcomes

Program Learning Outcomes

Upon successful completion of the Management Certificate program, the learner will be able to:

1. Apply written, oral and interpersonal skills in business settings.
2. Use the management principles of planning, organizing, leading and controlling to solve common management issues.
3. Identify ethical issues and apply the values of professional responsibility.

Medical Assistant Certificate

General Information

Program Description

The Medical Assistant program prepares students for employment in health care offices including primary care and specialty physicians' offices, ambulatory care, and urgent care facilities.

Credit Hours

28

Program Notes

[Click to view Professional Licensure Disclosure](#)

Students completing the Medical Assistant certificate program are eligible to take the National Certified Medical Assistant (NCMA) exam from the National Center for Competency Testing (NCCT).

Biology course must be completed within the last ten years.

Program Requirements

Simple Requisites

Program Requirements
<p>Required Courses</p> <p>Type Completion Requirement</p> <p>Total Credits: 28</p> <p>Complete ALL of the following Courses:</p> <ul style="list-style-type: none"> • AHS105 - Phlebotomy • AHS120 - Medical Assistant Administrative Skills • AHS121 - Medical Assistant Clinical Skills • AHS130 - Medical Terminology for Patient Care Staff • AHS140 - Pharmacology for Allied Health • AHS173 - Legal and Ethical Issues in Healthcare • AHS240 - Human Disease Process • AHS295 - AHS Practicum: Medical Assistant • BIO160 - Introduction to Human Anatomy and Physiology

Program Learning Outcomes

Program Learning Outcomes

Upon successful completion of the Medical Assistant certificate program, the learner will be able to:

1. Utilize medical records while upholding HIPAA regulations.
2. Demonstrate administrative and clinical skills.
3. Assist the health care provider in delivering care to clients with multiple health care needs.
4. Identify legal and ethical issues in healthcare.
5. Explain the structure and function of the body system.
6. Apply therapeutic communication skills with health care professionals and patients.

Media Editing and Post-Production Certificate

General Information

Program Description

The Media Editing and Post-Production Certificate prepares students for entry-level employment in the post-production field. Coursework provides hands-on training to create engaging content across platforms including film, television, and social media.

Credit Hours

27

Program Notes

Program Requirements

Simple Requisites

Program Requirements
<p>Required Courses:</p> <p>Type Completion Requirement</p> <p>Total Credits: 27</p> <p>Complete ALL of the following Courses:</p> <ul style="list-style-type: none"> • FMA100 - Animation Principles • FMA102 - Film and Media Production • FMA107 - Post-Production • FMA138 - VFX and Motion Graphics • FMA139 - Fundamentals of Video Editing • FMA150 - History of American Cinema • FMA160 - Lighting Design for Stage and Media • FMA161 - Sound Design for Stage and Media • FMA218 - Directing for Stage and Media

Program Learning Outcomes

Program Learning Outcomes

Upon successful completion of the Media Editing and Post-Production Certificate program, the learner will be able to:

1. Create quality media productions, including skills in story development, producing, cinematography, editing, and audio production/post production.
2. Create a short TV or film production including pre-production schedule and budget documentation.
3. Collaborate on media project productions, including working in groups and engaging with stakeholders.
4. Develop content utilizing professional level post-production applications.
5. Describe how to fix footage film for television and media projects.

Medical Office Assistant Certificate

General Information

Program Description

The Medical Office Assistant (MOA) certificate prepares students to perform administrative skills in a physician's office. The MOA certificate qualifies students to take the Nationally Certified Medical Office Assistant (NCMOA) exam from the National Center for Competency Testing (NCCT). The program allows students to complete a certificate and seek employment.

Credit Hours

21

Program Notes

Program Requirements

Simple Requisites

Program Requirements

Required Courses

Type
Completion Requirement

Total Credits: 21

Complete ALL of the following Courses:

- AHS100 - Fundamentals of Health Care
- AHS120 - Medical Assistant Administrative Skills
- AHS130 - Medical Terminology for Patient Care Staff
- AHS173 - Legal and Ethical Issues in Healthcare
- BIO160 - Introduction to Human Anatomy and Physiology
- CSA126 - Microsoft Office for Windows
- MAT142 - College Mathematics

Program Learning Outcomes

Program Learning Outcomes

Upon successful completion of the Medical Office Assistant Certificate program, the learner will be able to:

1. Utilize medical records while upholding HIPAA regulations.
2. Demonstrate administrative and clinical skills.
3. Assist the health care provider in delivering care to clients with multiple health care needs.
4. Identify legal and ethical issues in healthcare.
5. Explain the structure and function of the body systems.
6. Apply therapeutic communication skills with health care professionals and patients.

Medical Records Technician Certificate

General Information

Program Description

The Medical Records Technician certificate prepares students for employment in a physician's office, acute care setting and/or long-term care setting.

Credit Hours

18

Program Notes

Program Requirements

Simple Requisites

Program Requirements

Required Courses

Type
Completion Requirement

Total Credits: 18

Complete ALL of the following Courses:

- AHS100 - Fundamentals of Health Care
- AHS130 - Medical Terminology for Patient Care Staff
- AHS173 - Legal and Ethical Issues in Healthcare
- BIO160 - Introduction to Human Anatomy and Physiology
- CSA126 - Microsoft Office for Windows
- AHS134 - Introduction to Health Information Management

Program Learning Outcomes

Program Learning Outcomes

Upon successful completion of the Medical Records Technician Certificate program, the learner will be able to:

1. Describe the Health Information Management (HIM) process including legal and ethical implications.
2. Define elements in the medical word building system.
3. Correctly spell and pronounce medical terms.
4. Apply basic computer skills.
5. Identify and describe the structure and function of major organs and body systems.
6. Describe the strategies involved in decision making during a job search.

Cisco Networking Specialist Certificate

General Information

Program Description

The Cisco Networking Specialist certificate is designed for students to install and support medium to large computer networks with an emphasis on configuration of Cisco routers and switches. This program prepares students for the Cisco Certified Network Associate (CCNA) certification exam.

Credit Hours

21

Program Requirements

Simple Requisites

Program Requirements
<p>Required Courses</p> <p>Type Completion Requirement</p> <p>Total Credits: 21</p> <p>Complete ALL of the following Courses:</p> <ul style="list-style-type: none"> • CNT101 - Networking and Cybersecurity Fundamentals • CNT110 - A+ Computer Technician Certification • CNT140 - Cisco Routing and Switching I • CNT150 - Cisco Routing and Switching II • CNT160 - Cisco Routing and Switching III • CNT190 - Programming and Scripting for Network Admins

Program Learning Outcomes

Program Learning Outcomes

Upon successful completion of the Cisco Networking Specialist Certificate program, the learner will be able to:

1. Describe and configure the hardware and software used in a medium to large-sized computer network.
2. Maintain and repair personal computers.
3. Describe network protocols and perform basic network device configuration.
4. Configure Cisco routing, switching, and wireless technologies.
5. Configure advanced routing and network security.
6. Write and debug programs and scripts for application in a network environment.

Computer Networking Technician Certificate

General Information

Program Description

This certificate is designed to provide students with the skills necessary to install, troubleshoot and support computers and servers in a small to medium-sized computer network. Students are prepared for the CompTIA A+ Certified IT Technician certification. Successful students will have the skills required to gain employment in entry-level positions in the information technology field.

Credit Hours

15

Program Notes

This certificate is not eligible for Federal Financial Aid. To explore other financial aid opportunities, please visit YC Admission.

Program Requirements

Simple Requisites

Program Requirements
<p>Required Courses</p> <p>Type Completion Requirement</p> <p>Total Credits: 15</p> <p>Complete ALL of the following Courses:</p> <ul style="list-style-type: none"> • CNT101 - Networking and Cybersecurity Fundamentals • CNT110 - A+ Computer Technician Certification • CNT118 - Operating System Fundamentals • OR CNT120 - Introduction to Windows Server • CNT140 - Cisco Routing and Switching I

Program Learning Outcomes

Program Learning Outcomes

Upon successful completion of the Computer Networking Technician Certificate program, the learner will be able to:

1. Describe and configure the hardware and software used in a small to medium-sized computer network.
2. Maintain and repair personal computers.
3. Perform administrative and troubleshooting tasks on operating systems.
4. Describe network protocols and perform basic network device configuration.

Nursing Assistant Certificate

General Information

Program Description

The Nursing Assistant Certificate program prepares students to take the state competency exams leading to certification or licensure and to work as a nursing assistant.

Credit Hours

6

Program Notes

[Click to view Professional Licensure Disclosure](#)

There are special admission requirements for the Nursing Assistant Program that must be completed before receiving the Program Director's approval to register for the courses.

These include criminal background, health, and drug screenings. For an application packet and detailed program information, visit <http://www.yc.edu/alliedhealth>.

This certificate is not eligible for Federal Financial Aid. To explore other financial aid opportunities, please visit YC Admission.

Program Requirements

Simple Requisites

Program Requirements
<p>Required Courses</p> <p>Type Completion Requirement</p> <p>Total Credits: 6</p> <p>Complete ALL of the following Courses:</p> <ul style="list-style-type: none"> AHS114 - Nursing Assistant AHS114C - Nursing Assistant Clinical AHS114L - Nursing Assistant Skills Lab

Program Learning Outcomes

Program Learning Outcomes

Upon successful completion of the Nursing Assistant Certificate program, the learner will be able to:

- Function effectively in the role and within the scope of the nursing assistant.
- Perform nursing assistant skills safely to meet the needs of diverse populations.
- Demonstrate effective communication skills with the patients or residents and families.
- Apply the legal and ethical aspects of the nursing assistant role.

Nursing - AAS

General Information

Program Description

The Associate of Applied Science in Nursing degree prepares students for entry-level positions as registered nurses. The program is approved by the Arizona State Board of Nursing (AZBN) with continuing accreditation by the Accreditation Commission for Education in Nursing (ACEN).

Credit Hours

68.5

Program Notes

[Click to view Professional Licensure Disclosure](#)

Students interested in the LPN-RN Advanced Placement or LPN step-out should contact an advisor or visit the Nursing Application Information Guide on www.yc.edu/nursing.

Application for Admission to the Nursing Program

Special application is required for admission to the nursing program. It is recommended that students work closely with their advisor to ensure all application requirements are fully met. A Nursing Applicant Information Guide, available from the Advising Center and online at the Nursing website, describes program prerequisites and application process. Refer to the Nursing website: www.yc.edu/nursing for application deadlines.

Transfer Students

Students transferring from other regionally accredited institutions will have their completed general education coursework evaluated on an individual basis.

Health Declaration

It is essential that nursing students be able to perform a number of physical activities in the clinical portion of the program. At minimum, students will be required to lift clients, stand for several hours at a time, perform bending activities and perform fine motor skills with dexterity. The clinical nursing experience places students under considerable mental and emotional stress as they undertake responsibilities and duties impacting clients' lives. Students must be able to demonstrate rational and appropriate behavior under stressful conditions. Individuals should give careful consideration to the mental and physical demands of the program prior to submitting their application. The technical standards for the program are identified in the Nursing Applicant Information Guide.

Graduation Requirement

All required courses for the AAS in Nursing degree must be completed with a grade of "C" or better. Math and science coursework must be completed within the last ten years.

Licensure

Graduates receiving an Associate of Applied Science (AAS) in Nursing Degree are eligible to apply and take the National Council Licensure Exam (NCLEX) for the Registered Nurse (R.N.). The R.N. has the opportunity to be employed in a variety of health care settings such as acute, long term care, hospice, and community based settings. Registered Nurses function within their legal scope of practice as set forth by the State Boards of Nursing and professional standards per the American Nurses Association (ANA). The AAS degree provides the articulation foundation for a Bachelor of Science in Nursing (BSN) degree within the university or at Yavapai College. YC graduates will be automatically accepted in YC's RN-BSN program after they obtain an unencumbered RN license (single state (AZ) or multi-state).

Transfer

Students intending to transfer courses toward a Bachelor Degree in Nursing should consult the catalog of the school to which they plan to transfer. Materials are available in the Advising Center and through the Department of Nursing to assist students in selecting courses equivalent to those required in baccalaureate nursing programs in Arizona. Generally 64 credits from community colleges are transferable to Arizona public universities: specific articulation information is available through AZTransfer at www.aztransfer.com.

[Click for more information about this program](#)

Program Requirements

Simple Requisites

Program Requirements

Pre-entry requirements must be complete or in progress in order to apply to the Nursing Program. To prepare to apply to the AAS Nursing Program, it is recommended that students begin in the Associate of Arts (Nursing Intent) degree program and work closely with an academic advisor to ensure timely and on-track progression for application submission.

The 28 credit hour pre-entry courses include Anatomy & Physiology I & II, Microbiology, and all of the General Education requirements.

Prior to program application, the applicant must be certified as a CNA, LNA or have completed [AHS114 Nursing Assistant](#), [AHS114C Nursing Assistant Clinical](#), [AHS114L Nursing Assistant Skills Lab](#) (or equivalent) within the last three years.

Pre-Entry Courses - Total Credits: 28

Type

Prerequisite

General Education Courses - Total Credits: 16

Complete ALL of the following Requirement Set:

- General Education Curriculum for Nursing (AAS)

Anatomy & Physiology I & II - Total Credits: 8

Complete ALL of the following Courses:

- BIO201 - Human Anatomy and Physiology I
- BIO202 - Human Anatomy and Physiology II

Microbiology - Total Credits: 4

Complete ALL of the following Courses:

- BIO205 - Microbiology

Required Courses

Type

Completion Requirement

Nursing Course Total Credits: 40.5

Complete ALL of the following Courses:

- NSG140 - Nursing Theory I
- NSG142 - Application of Nursing Theory I
- NSG143 - Development of Nursing Practice I
- NSG144 - Mental Health Nursing Theory I
- NSG145 - Pharmacology for Nursing I
- NSG151 - Nursing Theory II
- NSG152 - Application of Nursing Theory II
- NSG153 - Development of Nursing Practice II
- NSG154 - Maternal/Child Nursing Theory
- NSG155 - Pharmacology for Nursing II
- NSG241 - Nursing Theory III
- NSG242 - Application of Nursing Theory III
- NSG260 - Mental Health Nursing Theory II
- NSG270 - Nursing Theory IV
- NSG272 - Application of Nursing Theory IV
- NSG280 - Professional Nursing Concepts

Program Learning Outcomes

Program Learning Outcomes

Upon successful completion of the Nursing Degree program, the learner will be able to:

1. (Patient Centered Care) Recognize the patient or designee as the source of control and full partner in providing compassionate and coordinated care based on respect for patient's preferences, values and needs.
2. (Teamwork and Collaboration) Function effectively within nursing and interprofessional teams, fostering open communication, mutual respect, and shared decision-making to achieve quality patient care.
3. (Evidence Based Practice) Integrate best current evidence with clinical expertise and patient/family preferences and values for delivery of optimal healthcare.
4. (Quality Improvement) Use data to monitor the outcomes of care processes and use improvement methods to design and test changes to continuously improve the quality and safety of health care systems.
5. (Safety) Minimize risk of harm to patients and providers through both system effectiveness and individual performance.
6. (Informatics) Use information and technology (IT) to communicate, manage knowledge, mitigate error and support decision-making.

Critical Care Provider Certificate

General Information

Program Description

The Critical Care Provider Program equips experienced clinicians with the advanced knowledge, skills, and leadership needed to deliver evidence-based critical care and transport medicine with professionalism, safety, and compassion.

Credit Hours

10

Program Notes

There are special admission requirements for the Critical Care Provider certificate program, including program admission and one of the following certifications: NREMT - P State of Arizona OR EMCT - Paramedic RN NP PA MD NREMT - P State of Arizona OR EMCT - Paramedic RN NP PA MD.

Program Requirements

Simple Requisites

Program Requirements
<p>Required Courses</p> <p>Type Completion Requirement</p> <p>Total Credits: 10</p> <p>Complete ALL of the following Courses:</p> <ul style="list-style-type: none"> EMS203 - Pre-hospital Trauma Life Support EMS292 - Critical Care Paramedicine EMS293 - Critical Care Practicum

Program Learning Outcomes

Program Learning Outcomes

Upon successful completion of the Critical Care Provider Program, the learner will be able to:

1. Demonstrate teamwork in critical care and transport settings.
2. Perform comprehensive assessments on ill or injured patients.
3. Identify the pathophysiology related to disease processes to guide advanced clinical procedures.
4. Implement trauma and critical care interventions consistent with national guidelines and best practices.
5. Demonstrate proficiency with advanced procedures.

Paramedicine - AAS

General Information

Program Description

The Associate of Applied Science in Paramedicine is a nationally accredited program designed to prepare students to become paramedics. This program is a formal education in such paramedicine topics as anatomy and physiology, pathophysiology, cardiology, pulmonary, pharmacology, pediatrics, geriatrics, hematology, and toxicology. Paramedicine builds upon EMT education and includes Paramedic Scope of Practice. Paramedicine is integrated with fire service, law enforcement, ground transport services, flight transport services, search and rescue, hospitals, clinical settings, community paramedicine, and EMS education. There is a Paramedicine Certificate available. Accreditation: This program is accredited by the Commission on Accreditation of Allied Health Education Programs (CAAHEP) with the Committee on Accreditation of Educational Programs for the Emergency Medical Services Professions (CoAEMSP) interpreting and enforcing the CAAHEP standards, and is approved by the Arizona Department of Health Services, Bureau of Emergency Medical Services and Trauma Systems.

Credit Hours

60

Program Notes

[Click to view Professional Licensure Disclosure](#)

Information regarding admission to the Paramedicine program is available at the Emergency Medical Services Department's website, www.yc.edu/ems. Interested students begin by filling out an application form. Once accepted into the program, additional information regarding specific documents required and or needed for program admission will be given to each student during a required paramedic orientation. Before applying, one must have a current EMT or AEMT certification card. For more information, please contact ems@yc.edu

[Click for more information about this program](#)

Program Goal

To prepare Paramedics who are competent in the cognitive (knowledge), psychomotor (skills), and affective (behavior) learning domains to enter the profession.

This goal aligns with standards from the Arizona Department of Health Services, Bureau of Emergency Medical Services, United States Department of Transportation National Emergency Medical Services Education Standards, and the Essentials and Guidelines from the Committee on Accreditation of Emergency Medical Services Programs (CoAEMSP).

Program Requirements

Simple Requisites

Program Requirements
<p>General Education Courses</p> <p>Type Completion Requirement</p> <p>Total Credits: 19</p> <p>Complete ALL of the following Requirement Set:</p> <ul style="list-style-type: none"> General Education Curriculum for Paramedicine (AAS)
<p>Required Courses</p>

Type

Completion Requirement

Total Credits: 41

Complete ALL of the following Courses:

- EMS162 - Introduction to Pharmacology for EMS Professionals
- EMS164 - ECG Rhythm Analysis & Interpretation for EMS Professionals
- EMS201 - Advanced Cardiac Life Support Initial Provider in Paramedicine
- EMS202 - Pediatric Advanced Life Support Initial Provider in Paramedicine
- EMS203 - Pre-hospital Trauma Life Support
- EMS239 - Airway and Ventilatory Management in Paramedicine
- EMS252 - Pharmacology in Paramedicine
- EMS254 - Paramedic Practicum I
- EMS265 - Paramedic Practicum II
- EMS267 - Technical Operations in Paramedicine
- EMS269 - Trauma Patient Management in Paramedicine
- EMS271 - Medical Emergencies in Paramedicine I
- EMS271L - Medical Emergencies in Paramedicine Lab
- EMS272 - Medical Emergencies in Paramedicine II
- EMS272L - Comprehensive Patient Assessment in Paramedicine I
- EMS273 - Medical Emergencies in Paramedicine III
- EMS273L - Comprehensive Patient Assessment in Paramedicine II

Program Learning Outcomes

Program Learning Outcomes

Upon successful completion of the Paramedicine Degree program, the learner will be able to:

1. Maintain patient, public, personnel, and personal health, wellness, and safety.
2. Demonstrate personal behaviors consistent with professional standards.
3. Communicate efficiently and effectively with members of diverse populations in a culturally responsive manner.
4. Effectively function within a multi-disciplinary healthcare system, recognizing roles, responsibilities, and scope of practice.
5. Efficiently synthesize and evaluate multiple sources of information.
6. Perform comprehensive patient assessment.
7. Develop a working differential diagnosis using multiple sources of information.
8. Make informed, autonomous decisions in both clinical and uncontrolled settings.
9. Guide and support the healthcare team, navigating interpersonal dynamics.
0. Effectively manage patients.

Paramedicine Certificate

General Information

Program Description

The Paramedicine Certificate is a nationally accredited program designed to prepare students to become paramedics. This program is a formal education in such paramedicine topics as anatomy and physiology, pathophysiology, cardiology, pulmonary, pharmacology, pediatrics, geriatrics, hematology, toxicology. Paramedicine builds upon EMT education and includes paramedic scope of practice. Paramedicine is integrated with fire service, law enforcement, ground transport services, flight transport services, search and rescue, hospitals, clinical settings, community paramedicine, and EMS education. There is an Associate of Applied Science (AAS) in Paramedicine available.

Accreditation: This program is accredited by the Commission on Accreditation of Allied Health Education Programs (CAAHEP) with the Committee on Accreditation of Educational Programs for the Emergency Medical Services Professions (CoAEMSP) interpreting and enforcing the CAAHEP standards, and is approved by the Arizona Department of Health Services, Bureau of Emergency Medical Services and Trauma Systems.

Credit Hours

45

Program Notes

[Click to view Professional Licensure Disclosure](#)

There are special admission requirements for the Paramedicine Degree Program. Applicants to the Paramedic Cohort must submit a specialized application and take an entrance exam. Call 928.776.2288 for details.

[Click for more information about this program](#)

Program Goal

To prepare Paramedics who are competent in the cognitive (knowledge), psychomotor (skills), and affective (behavior) learning domains to enter the profession.

This goal aligns with standards from the Arizona Department of Health Services, Bureau of Emergency Medical Services, United States Department of Transportation National Emergency Medical Services Education Standards, and the Essentials and Guidelines from the Committee on Accreditation of Emergency Medical Services Programs (CoAEMSP).

Program Requirements

Simple Requisites

Program Requirements

Required Courses

Type

Completion Requirement

Total Credits: 45

Complete ALL of the following Courses:

- BIO160 - Introduction to Human Anatomy and Physiology
- EMS162 - Introduction to Pharmacology for EMS Professionals
- EMS164 - ECG Rhythm Analysis & Interpretation for EMS Professionals
- EMS201 - Advanced Cardiac Life Support Initial Provider in Paramedicine

- EMS202 - Pediatric Advanced Life Support Initial Provider in Paramedicine
- EMS203 - Pre-hospital Trauma Life Support
- EMS239 - Airway and Ventilatory Management in Paramedicine
- EMS252 - Pharmacology in Paramedicine
- EMS254 - Paramedic Practicum I
- EMS265 - Paramedic Practicum II
- EMS267 - Technical Operations in Paramedicine
- EMS269 - Trauma Patient Management in Paramedicine
- EMS271 - Medical Emergencies in Paramedicine I
- EMS271L - Medical Emergencies in Paramedicine Lab
- EMS272 - Medical Emergencies in Paramedicine II
- EMS272L - Comprehensive Patient Assessment in Paramedicine I
- EMS273 - Medical Emergencies in Paramedicine III
- EMS273L - Comprehensive Patient Assessment in Paramedicine II

Program Learning Outcomes

Program Learning Outcomes

Upon successful completion of the Paramedicine Certificate program, the learner will be able to:

1. Maintain patient, public, personnel, and personal health, wellness, and safety.
2. Demonstrate personal behaviors consistent with professional standards.
3. Communicate efficiently and effectively with members of diverse populations in a culturally responsive manner.
4. Effectively function within a multi-disciplinary healthcare system, recognizing roles, responsibilities, and scope of practice.
5. Efficiently synthesize and evaluate multiple sources of information.
6. Perform comprehensive patient assessment.
7. Develop a working differential diagnosis using multiple sources of information.
8. Make informed, autonomous decisions in both clinical and uncontrolled settings.
9. Guide and support the healthcare team, navigating interpersonal dynamics.
0. Effectively manage patients.

Paralegal Studies - AAS

General Information

Program Description

The Paralegal Studies program is designed to prepare students for positions as paralegals in the legal and business fields. Individuals who are already employed in the legal field and seeking advancement opportunities may also select this program of study. Paralegals work under the supervision of an attorney and their work includes preparing legal documents, researching and compiling information, and communicating with clients. Excellent written and oral communication skills, as well as computer literacy skills, are important to the paralegal.

Credit Hours

61

Program Notes

This degree is primarily designed to prepare students for direct employment. Students who are preparing to transfer to a baccalaureate degree-granting institution for an advanced degree in paralegal studies should contact an academic advisor for assistance in establishing an educational plan.

Program Requirements

Simple Requisites

Program Requirements

General Education Courses

Type

Completion Requirement

Total Credits: 19

Complete ALL of the following Requirement Set:

- General Education Curriculum (AAS-19)

Required Courses

Type

Completion Requirement

Total Credits: 24

Complete ALL of the following Courses:

- LAW100 - Introduction to Paralegal Studies
- LAW102 - Legal Computer Applications
- LAW103 - Ethics and the Law
- LAW217 - Legal Research and Writing I
- LAW218 - Legal Research and Writing II
- LAW220 - Civil Procedure I
- LAW221 - Civil Procedure II
- LAW232 - Evidence

Elective Courses

Type

Completion Requirement

Total Credits: 18

Earn at least 18 credits from the following:

- LAW104 - Wills, Trusts and Probate
- LAW107 - Law Office Management

- LAW109 - Substantive Criminal Law
- LAW202 - Real Estate Law
- LAW203 - Family Law
- LAW204 - Business Organizations
- LAW205 - Contracts
- LAW212 - Juvenile Justice Procedures
- LAW214 - Juvenile Dependency Law
- LAW230 - Administrative Law
- LAW260 - Procedural Criminal Law
- LAW270 - Mediation and Negotiation
- LAW275 - Bankruptcy
- LAW290 - Constitutional Law: Civil Liberties and Civil Rights
- LAW296 - Internship: Paralegal Studies

Program Learning Outcomes

Program Learning Outcomes

Upon successful completion of the Paralegal Studies Degree program, the learner will be able to:

1. Demonstrate analytical and judgment abilities as a legal professional.
2. Apply knowledge and understanding of substantive law and legal principles in one or more areas of practice.
3. Produce legal documents that meet professional standards, reflect accurate legal research, and are in correct format.
4. Act in a professional manner consistent with applicable ethical standards.
5. Demonstrate proficiency using software and technology available to the legal profession.

Legal Office Clerk Certificate

General Information

Program Description

The Legal Office Clerk certificate is designed to prepare students for entry-level clerical positions in law offices.

Credit Hours

18

Program Notes

The student is expected to have mastered basic keyboarding skills before beginning this program.

This program can be completed entirely online.

Program Requirements

Simple Requisites

Program Requirements

Required Courses

Type

Completion Requirement

Total Credits: 18

Complete ALL of the following Courses:

- BSA228 - Professional Productivity Solutions
- LAW100 - Introduction to Paralegal Studies
- LAW102 - Legal Computer Applications
- LAW103 - Ethics and the Law
- LAW107 - Law Office Management
- MGT233 - Business Communication

Program Learning Outcomes

Program Learning Outcomes

Upon successful completion of the Legal Office Clerk Certificate program, the learner will be able to:

1. Demonstrate analytical and judgment abilities as a legal professional.
2. Apply knowledge and understanding of substantive law and legal principles in one or more areas of practice.
3. Produce legal documents that meet professional standards, reflect accurate legal research, and are in correct format.
4. Act in a professional manner consistent with applicable ethical standards.
5. Demonstrate proficiency using software and technology available to the legal profession.

Legal Paraprofessional Certificate

General Information

Program Description

The Legal Paraprofessional Certificate is designed to meet the educational requirements for students to be eligible to become licensed Legal Paraprofessionals, as well as to provide a robust course of study for those already having a Bachelor's or Associates Degree and who desire to obtain positions as Paralegals in the legal and business world.

Credit Hours

27-30

Program Notes

Program Requirements

Simple Requisites

Program Requirements

Required Courses

Type

Completion Requirement

Total Credits: 21

Complete ALL of the following Courses:

- LAW100 - Introduction to Paralegal Studies
- LAW103 - Ethics and the Law
- LAW217 - Legal Research and Writing I
- LAW218 - Legal Research and Writing II
- LAW220 - Civil Procedure I
- LAW221 - Civil Procedure II
- LAW232 - Evidence

Administrative Law Concentration

Type

Completion Requirement

Total Credits: 6

Complete ALL of the following Courses:

- LAW230 - Administrative Law
- LAW291 - Trial Advocacy
- OR LAW296 - Internship: Paralegal Studies

Students must have 120 hours in the area of advocacy under the supervision of an attorney. Students can pick either course to satisfy this requirement. If there is more than one area of advocacy, students may take LAW 296 up to 6 credits.

Civil Practice Concentration

Type

Completion Requirement

Total Credits: 6

Complete ALL of the following Courses:

- LAW270 - Mediation and Negotiation
- LAW291 - Trial Advocacy
- OR LAW296 - Internship: Paralegal Studies

Students must have 120 hours in the area of advocacy under the supervision of an attorney. Students can pick either course to satisfy this requirement. If there is more than one area of advocacy, students may take LAW 296 up to 6 credits.

Criminal Law Concentration

Type

Completion Requirement

Total Credits: 9

Complete ALL of the following Courses:

- LAW109 - Substantive Criminal Law
- LAW260 - Procedural Criminal Law
- LAW291 - Trial Advocacy
- OR LAW296 - Internship: Paralegal Studies

Students must have 120 hours in the area of advocacy under the supervision of an attorney. Students can pick either course to satisfy this requirement. If there is more than one area of advocacy, students may take LAW 296 up to 6 credits.

Family Law Concentration

Type

Completion Requirement

Total Credits: 6

Complete ALL of the following Courses:

- LAW203 - Family Law
- LAW291 - Trial Advocacy
- OR LAW296 - Internship: Paralegal Studies

Students must have 120 hours in the area of advocacy under the supervision of an attorney. Students can pick either course to satisfy this requirement. If there is more than one area of advocacy, students may take LAW 296 up to 6 credits.

Juvenile Dependency Law Concentration

Type

Completion Requirement

Total Credits: 6

Complete ALL of the following Courses:

- LAW214 - Juvenile Dependency Law
- LAW291 - Trial Advocacy
- OR LAW296 - Internship: Paralegal Studies

Students must have 120 hours in the area of advocacy under the supervision of an attorney. Students can pick either course to satisfy this requirement. If there is more than one area of advocacy, students may take LAW 296 up to 6 credits.

Program Learning Outcomes

Program Learning Outcomes

Upon successful completion of the Legal Paraprofessional Certificate program, the learner will be able to:

1. Demonstrate analytical and judgment abilities as a legal professional.
2. Apply knowledge and understanding of substantive law and legal principles in one or more areas of practice.
3. Produce legal documents that meet professional standards, reflect accurate legal research, and are in correct format.

- Act in a professional manner consistent with applicable ethical standards.
- Demonstrate proficiency using software and technology available to the legal profession.

Phlebotomy Technician Certificate

General Information

Program Description

The Phlebotomy Technician Certificate will prepare students to work as phlebotomists. Upon completing, students will be eligible to take the national phlebotomy certification exam.

Credit Hours

8

Program Notes

[Click to view Professional Licensure Disclosure](#)

This certificate is not eligible for Federal Financial Aid. To explore other financial aid opportunities, please visit YC Admission.

Program Requirements

Simple Requisites

Program Requirements

Required Courses

Type
Completion Requirement

Total Credits: 8

Complete ALL of the following Courses:

- AHS100 - Fundamentals of Health Care
- AHS105 - Phlebotomy
- AHS296 - Internship: Allied Health Services

Note: Students must enroll in AHS 296 within 3 semesters of completing AHS 105, as well as complete all Phlebotomy requirements and receive program director permission prior to enrollment.

Program Learning Outcomes

Program Learning Outcomes

Upon successful completion of the Phlebotomy Technician Certificate program, the learner will be able to:

- Safely demonstrate basic phlebotomy skills in a working environment.
- Manage medical records upholding security and privacy standards as outlined in HIPAA regulations.
- Explain the structure and function of the body systems.
- Identify legal and ethical issues in healthcare.
- Apply effective communication skills with healthcare professionals and patients.

Plumbing Technician Certificate

General Information

Program Description

The Plumbing Technician Certificate is designed to provide the essential skills required of an entry-level employee in the residential plumbing industry. Training in various aspects of the construction and plumbing industry include: hand and power tool operation, blueprints, materials, and layouts. Students will learn to install and repair residential plumbing systems which include new construction, renovations, wells, and septic systems. Program will also address plumbing system design, calculations, safety, testing, and applicable codes and standards.

Credit Hours

16

Program Notes

Program Requirements

Simple Requisites

Program Requirements

Required Courses

Type
Completion Requirement

Total Credits: 16

Complete ALL of the following Courses:

- CBT100 - Basic Carpentry I
- CBT112 - Plumbing Codes & Standards, Blueprint, and Design
- CBT120 - Basic Residential Plumbing
- CBT212 - Drain, Waste, and Vent Systems

Type
Completion Requirement

As an alternative to CBT 100, the following courses may be taken:

Complete ALL of the following Courses:

- CBT101 - Plan Reading, Drawings, and Codes
- CBT102 - Framing I
- CBT103 - Masonry & Concrete
- CBT104 - Framing II

Program Learning Outcomes

Program Learning Outcomes

Upon successful completion of the Plumbing Technician Certificate program, the learner will be able to:

- Perform soil, top-out, trim installation, and inspection of residential plumbing systems.
- Interpret and explain basic plumbing regulations, codes, and standards.
- Explain and install drain-waste-vent systems.
- Prepare, calculate, and interpret residential plumbing designs and blueprints.
- Identify the different piping and fittings used in the plumbing industry.

Production Horticulture Certificate

General Information

Program Description

The Production Horticulture Certificate program is designed to prepare students for potential careers in the horticulture and greenhouse industry including grower, nursery technician, integrated pest management, greenhouse management and entrepreneur.

Credit Hours

32

Program Requirements

Simple Requisites

<p>Program Requirements</p> <p>Required Courses</p> <p>Type Completion Requirement</p> <p>Total Credits: 32</p> <p>Complete ALL of the following Courses:</p> <ul style="list-style-type: none"> • AGS103 - Plant Biology • AGS105 - Soils • AGS107 - Entomology • AGS156 - Organic Home Gardening • AGS157 - Community Supported Agriculture • AGS202 - Summer Horticulture • AGS215 - Agricultural Mechanics • AGS250 - Horticulture Fall Production • AGS252 - Horticulture Spring Production • AGS255 - Micro Propagation of Plant Tissue • AGS274 - Water Management
--

Program Learning Outcomes

Program Learning Outcomes

Upon successful completion of the Production Horticulture Certificate program, the learner will be able to:

1. Manage an extensive agriculture facility.
2. Develop a water delivery and quality management system.
3. Propagate plants sexually and asexually.
4. Develop and implement an integrated pest management system.

Computer Programming Certificate

General Information

Program Description

The Computer Programming Certificate prepares students for employment in entry-level programming fields. Students will experiment and learn a variety of programming languages. Hands-on computer experience is emphasized throughout the program.

Credit Hours

21

Program Requirements

Simple Requisites

<p>Program Requirements</p> <p>Required Courses</p> <p>Type Completion Requirement</p> <p>Total Credits: 21</p> <p>Complete ALL of the following Courses:</p> <ul style="list-style-type: none"> • CSA282 - Database Concepts • CSC105 - Introduction to Programming • CSC113 - Programming: Python • CSC125 - Programming: C# Fundamentals • CSC205 - Programming: JavaScript, HTML & CSS • CSC211 - Programming: PHP and MySQL • CSC220 - Programming: Java
--

Program Learning Outcomes

Program Learning Outcomes

Upon successful completion of the Programming Certificate program, the learner will be able to:

1. Apply problem solving skills and the knowledge of computer science in the construction of software systems.
2. Demonstrate effective use of computer programming concepts to code a collection of instructions that perform a specific task.
3. Communicate ideas in a collaborative environment during all stages of software development.

Radiologic Technology - AAS

General Information

Program Description

The Associate of Applied Science in Radiologic Technology prepares students for entry-level positions as radiographers. The program is designed in accordance with the Radiography Curriculum established by the American Society of Radiologic Technologists and consists of classroom and laboratory instruction integrated with hands-on experience in a clinical setting.

Accreditation: This program is accredited by the Joint Review Committee on Education in Radiologic Technology (JRCERT).

Additional accredited radiologic certificates are available through Yavapai College.

Credit Hours

62-64

Program Notes

[Click to view Professional Licensure Disclosure](#)

Pre-Entry Requirements

Pre-entry requirements must be complete or in progress in order to apply to the Radiologic Technology Program. To prepare to apply for the AAS Program, it is recommended that students begin in the Associate of Arts (Radiologic Tech Intent) degree program and work closely with an academic advisor to ensure timely and on-track progression for application submission.

Application for Admission to the Radiology Program

A special application is required for admission to the radiology technology program. It is recommended that students work closely with their advisor to ensure all application requirements are fully met. Refer to the website: www.yc.edu/radiology

Transfer Students

Students transferring from other regionally accredited institutions will have their completed general education coursework evaluated on an individual basis. All math and science coursework must be completed within the last 10 years.

Health Declaration

It is essential that radiology students be able to perform a number of physical activities in the clinical portion of the program. At minimum, students will be required to lift clients, stand for several hours at a time, perform bending activities, and perform fine motor skills with dexterity. The clinical radiology experience places students under considerable mental and emotional stress as they undertake responsibilities and duties impacting clients' lives. Students must be able to demonstrate rational and appropriate behavior under stressful conditions. Individuals should give careful consideration to the mental and physical demands of the program before making application. The technical standards for the program are identified in the Radiology Technology Program Application.

Graduation Requirement

All required courses for the AAS in Radiology Technology degree must be completed with a minimum grade of 75%.

Licensure

Graduates receiving an Associate of Applied Science (AAS) in Radiology Technology Degree are eligible to challenge the American Registry of Radiologic Technology (ARRT) Exam for Radiography. The RT(R) has an opportunity to be employed in a variety of healthcare settings such as hospitals, outpatient surgical centers, outpatient imaging centers, mobile imaging, and physician offices. Radiologic Technologists function within their legal scope of practice set forth by the state they practice in, the American Society of Radiologic Technologists (ASRT) Practice Standards, and the American Registry of Radiology Technology (ARRT) Standard of Ethics. The AAS degree provides the articulation foundation for a Bachelor of Science in Radiologic Science (BSRS) degree within the university.

Transfer

Students intending to transfer courses toward a Bachelor's Degree in Radiology Science should consult the catalog of the school to which they plan to transfer. Generally, 64 credits from community colleges are transferable to Arizona public universities; specific articulation information is available through AZTransfer at www.aztransfer.com

Program Requirements

Simple Requisites

Program Requirements

General Education

Type

Completion Requirement

Total Credits: 19

Complete ALL of the following Requirement Set:

- General Education Curriculum for Radiologic Technology (AAS)

Required Courses

Type

Completion Requirement

Total Credits: 43

Complete ALL of the following Courses:

- RAD100 - Introduction to Medical Imaging
- RAD111 - Radiographic Positioning I
- RAD112 - Radiographic Positioning Lab I
- RAD135 - Radiation Physics and Equipment
- RAD141 - Radiographic Positioning II
- RAD142 - Radiographic Positioning Lab II
- RAD158 - Radiographic Image Production
- RAD161 - Radiology Clinical Education I
- RAD162 - Radiology Clinical Education II
- RAD170 - Radiology Patient Care and Pharmacology
- RAD175 - Radiation Biology and Protection
- RAD185 - Radiographic Image Analysis
- RAD201 - Radiology Clinical Education III
- RAD202 - Radiology Clinical Education IV
- RAD250 - Radiographic Pathology
- RAD255 - Radiology Registry Prep and Professional Development

Elective Courses

Type

Completion Requirement

Total Credits: 2-4

Earn at least 2 credits from the following:

- ICE100 - Computed Tomography Certification
- ICE150 - Bone Densitometry Certification
- ICE200 - Magnetic Resonance Certification
- ICE250 - Mammography Initial Training
- RAD215 - Advanced Imaging Systems

Program Learning Outcomes

Program Learning Outcomes

Upon successful completion of the Radiologic Technology AAS Degree program, the learner will:

1. Demonstrate the clinical competency expected of entry-level radiologic technologists.
2. Communicate effectively within the radiologic science industry.
3. Demonstrate critical thinking and problem-solving skills.
4. Exhibit professional behavior in alignment with the ethical and professional standards of radiologic science.

Robotics Certificate

General Information

Program Description

The Robotics Certificate is designed to prepare students for entry as a robotics programmer/technician. These technicians and programmers can find employment in multiple industries including semiconductor manufacturing, processing operations, and material handling.

Credit Hours

17

Program Requirements

Simple Requisites

Program Requirements
<p>Required Courses</p> <p>Type Completion Requirement</p> <p>Total Credits: 17</p> <p>Complete ALL of the following Courses:</p> <ul style="list-style-type: none"> • ELT130 - Introduction to Robotics • ELT135 - Robot Operator • ELT140 - Machine Vision • ELT230 - Robot End Effectors • ELT235 - Integrated Manufacturing Systems • ELT240 - Advanced Applications in Robotics

Program Learning Outcomes

Program Learning Outcomes

Upon successful completion of the Robotics program, the learner will be able to:

1. Demonstrate safe working practices in an industrial robotics environment.
2. Compare and contrast robot drive systems.
3. Describe the effects of payload on robot repeatability and accuracy.
4. Select manipulators and end effectors based on payload considerations for a given application.
5. Program an industrial robot for a manufacturing task.
6. Utilize vision systems for object detection, error proofing, and safety bounding.
7. Operate a robot equipped with auxiliary sensors including vision, touch, and sound sensors.
8. Describe common communications protocols used with robots.
9. Identify artificial intelligence applications in robotics.
10. Program an autonomous robot.

Script Supervisor Certificate

General Information

Program Description

This certificate prepares students for employment as a Script Supervisor. This hands-on certificate covers the duties and skills of the script supervisor from pre-production through production. This includes knowledge of screenwriting format and structure, breaking down the script, department roles and the basic language of continuity including eyelines, space, motion, time, action, and dialogue.

Credit Hours

12

Program Notes

This certificate is not eligible for Federal Financial Aid. To explore other financial aid opportunities, please visit YC Admission.

Program Requirements

Simple Requisites

<p>Program Requirements</p> <p>Required Courses</p> <p>Type Completion Requirement</p> <p>Total Credits: 12</p> <p>Complete ALL of the following Courses:</p> <ul style="list-style-type: none"> • FMA102 - Film and Media Production • FMA103 - Screenwriting I • FMA110 - Pre-Production • FMA218 - Directing for Stage and Media

Program Learning Outcomes

Program Learning Outcomes

Upon completion of the Script Supervisor Certificate program, the learner will be able to:

1. Exhibit a working knowledge of filmmaking equipment.
2. Create a short TV or film production including pre-production schedule and budget documentation.
3. Create a short screenplay.

Management - Strategic Leadership Certificate

General Information

Program Description

The Management - Strategic Leadership Certificate prepares students for leadership positions within businesses of all sizes. This certificate program will provide students with knowledge and skills needed in entry- and mid-level positions. Coursework covers team dynamics, critical thinking, organizational motivation, strategic and transfer leadership, conflict resolution and ethics.

Credit Hours

9

Program Notes

This certificate is not eligible for Federal Financial Aid. To explore other financial aid opportunities, please visit YC Admission.

Program Requirements

Simple Requisites

<p>Program Requirements</p> <p>Required Courses</p> <p>Type Completion Requirement</p> <p>Total Credits: 9</p> <p>Complete ALL of the following Courses:</p> <ul style="list-style-type: none"> • LDR201 - Leadership Essentials • LDR202 - Strategic Leadership • LDR203 - Organizational Leadership
--

Program Learning Outcomes

Program Learning Outcomes

Upon successful completion of the Strategic Leadership Certificate program, the learner will be able to:

1. Apply practical problem solving to achieve the best organizational outcomes.
2. Utilize tools of leadership related to strategic decision-making.
3. Lead and manage diverse human capital.
4. Communicate in a professional manner using different communication channels and styles.

3-D Printing and Manufacturing Certificate

General Information

Program Description

The 3-D Printing and Manufacturing Certificate is designed for students, professionals, or those with a personal interest, to enter into the additive manufacturing industry. Through a multifaceted hands-on experience, students will learn the principles, standards, materials and application of additive manufacturing.

Credit Hours

19

Program Requirements

Simple Requisites

<p>Program Requirements</p> <p>Required Courses</p> <p>Type Completion Requirement</p> <p>Total Credits: 19</p> <p>Complete ALL of the following Courses:</p> <ul style="list-style-type: none"> • MET200 - SolidWorks for Non-Engineers • TDP101 - Introduction to 3-D Printing • TDP201 - Slicing and Software for 3-D Printing • TDP210 - 3-D Model Optimization and Troubleshooting • TDP250 - Industrial Projects for 3-D Printing
--

Program Learning Outcomes

Program Learning Outcomes

Upon successful completion of the 3-D Printing and Manufacturing Certificate program, the learner will be able to:

1. Describe key material properties for 3-D printability for each printing technology.
2. Fabricate models using 3-D printers.
3. Illustrate the different extrusion options and utilize geometric relations to display and modify parametric relations.
4. Identify, troubleshoot, and correct errors in the additive manufacturing process.
5. Perform post-processing of manufactured parts and materials.
6. Maintain 3-D printers.

Technical Theater in Stagecraft and Media Certificate

General Information

Program Description

The Technical Theater in Stagecraft and Media Certificate is designed to prepare students for a wide range of careers within theatrical operations and media production. This hands-on experience working on theatrical and media productions and events in the performing arts and entertainment industry includes a wide variety of specializations in audio, lighting, set and props design and construction, costuming, hair and wigs, and make-up design.

Credit Hours

16

Program Requirements

Simple Requisites

<p>Program Requirements</p> <p>Required Courses</p> <p>Type Completion Requirement</p> <p>Total Credits: 16</p> <p>Complete ALL of the following Courses:</p> <ul style="list-style-type: none"> • THR141 - Stagecraft • THR144 - Production Workshop Practicum: Costuming and Make-up • THR145 - Production Workshop Practicum: Stage Management • THR146 - Production Workshop Practicum: Set Building and Props • THR147 - Production Workshop Practicum: Theater Production Crew • THR160 - Lighting Design for Stage and Media • THR161 - Sound Design for Stage and Media • THR164 - Scenic Design for Stage and Media
--

Program Learning Outcomes

Program Learning Outcomes

Upon successful completion of the Technical Theater in Stagecraft Certificate program, the learner will be able to:

1. Demonstrate a general understanding of design and implementation for theatrical arts and media production areas including scenery, lighting, sound, costumes, and properties.
2. Perform safe construction and installation techniques for technical theater and media disciplines.
3. Apply professional behavior as part of a team implementing technical theater and media elements for a production.

Unmanned Aircraft Systems Certificate

General Information

Program Description

The Unmanned Aircraft Systems Certificate prepares students to become professional unmanned aircraft operators.

Credit Hours

28

Program Notes

Program Requirements

Simple Requisites

<p>Program Requirements</p> <p>Required Courses</p> <p>Type Completion Requirement</p> <p>Total Credits: 28</p> <p>Complete ALL of the following Courses:</p> <ul style="list-style-type: none"> • UAS100 - Introduction to UAS • UAS103 - UAS Simulations • UAS110 - UAS Fixed-Wing Systems • UAS115 - UAS Multirotor Systems • UAS120 - UAS Sensing Systems • UAS132 - UAS Flight Operations • UAS216 - UAS Geographic Information Systems • UAS250 - UAS Applications and Analytics
--

Program Learning Outcomes

Program Learning Outcomes

Upon successful completion of the Unmanned Aircraft Systems Certificate program, the learner will be able to:

1. Select an aircraft, sensor, and accessories to complete a defined mission.
2. Practice building remotely piloted aircraft using aircraft and ground station components.
3. Use remotely piloted aircraft hardware and software to safely and legally complete flight missions.
4. Interpret images and data collected during remotely piloted aircraft operations.
5. Assemble data in a format appropriate for an industry report or presentation.

Victim Advocacy Certificate

General Information

Program Description

The Victim Advocacy Certificate program prepares students to enter this career field with an understanding of the various duties a victim advocate may perform, the types of victimization an advocate may provide services to, and where victim advocacy functions within the criminal justice and other victim related organizations.

Credit Hours

16

Program Notes

This certificate is not currently eligible for Federal Financial Aid. To explore other financial aid opportunities please visit YC Admission.

Program Requirements

Simple Requisites

<p>Program Requirements</p> <p>Required Courses</p> <p>Type Completion Requirement</p> <p>Total Credits: 16</p> <p>Complete ALL of the following Courses:</p> <ul style="list-style-type: none"> • AJS101 - Introduction to Administration of Justice • AJS123 - Ethics and Criminal Justice • AJS226 - Victimology and Crisis Intervention • AJS227 - Victim Advocacy • AJS228 - Gender-Related Violence
--

Program Learning Outcomes

Program Learning Outcomes

Upon successful completion of the Victim Advocacy Certificate, the learner will be able to:

1. Identify the services and resources available to victims of gender-related violence.
2. Describe the relationship between criminal justice agencies and victim advocacy services.
3. Analyze the traumatic impact of genderrelated violence on victims.
4. Explain the differences between community-based advocacy and systembased advocacy.

Video Game Developer Certificate

General Information

Program Description

The Video Game Developer certificate focuses on providing students with skills in high level object oriented programming. Applications used for skill development are 2-D and 3-D video game applications for use on PCs, MACs, Smartphones, the Web, and commercial video game consoles.

Credit Hours

18

Program Notes

This program can be completed entirely online.

Program Requirements

Simple Requisites

Program Requirements

Required Courses

Type
Completion Requirement

Total Credits: 18

Complete ALL of the following Courses:

- CSC105 - Introduction to Programming
- CSC125 - Programming: C# Fundamentals
- VGD121 - Video Game Development for Game Engines
- VGD151 - 3D Modeling and Animation
- VGD171 - Video Game Development - Programming
- VGD180 - Game Theory and Design Principles

Program Learning Outcomes

Program Learning Outcomes

Upon successful completion of the Video Game Developer Certificate program, the learner will be able to:

1. Create video games suitable for use on a PC, MAC, or mobile device.
2. Design 3D objects and animations for use in video games.
3. Write error free programming for use in video games.
4. Identify game design theory and principles.
5. Develop Rigged Models with animations for use in video games.

Visual Design - AAS

General Information

Program Description

Completion of this program of study prepares students for entry-level employment as visual designers in agencies, in-house teams, and production environments.

Students develop competencies in typography, layout, illustration, digital imaging, motion graphics, and web design using industry-standard tools; apply fine art techniques; practice introductory accessibility/usability; and produce multi-format deliverables to specification.

Credit Hours

61

Program Requirements

Simple Requisites

Program Requirements

General Education Courses

Type
Completion Requirement

Total Credits: 25

Complete ALL of the following Requirement Set:

- General Education Curriculum for Visual Design (AAS)

Required Courses

Type
Completion Requirement

Total Credits: 33

Complete ALL of the following Courses:

- ART110 - Drawing I
- ART113 - Three-Dimensional Design
- ART114 - Color
- ART139 - Fundamentals of Video Editing
- ART214 - Digital Illustration
- DES100 - Digital Design Studio
- DES101 - Principles of Visual Communication I
- DES102 - Letters and Typography
- DES103 - Principles of Visual Communication II
- DES204 - Web Design
- FMA138 - VFX and Motion Graphics

Elective Courses

Type
Completion Requirement

Total Credits: 3

Earn at least 3 credits from the following:

- ART160 - Printmaking I
- ART296 - Internship: Art
- FMA100 - Animation Principles
- FMA108 - Social Media Planning and Implementation
- FMA113 - Stop Motion Animation

Program Learning Outcomes

Program Learning Outcomes

Upon successful completion of the Visual Design AAS program, the learner will be able to:

1. Produce design compositions with industry-standard software to communicate visually.
2. Create motion sequences that integrate multiple design elements.
3. Implement typographic systems using established conventions.
4. Implement design solutions using fine art techniques.
5. Produce production-ready design deliverables aligned to industry expectations.
6. Evaluate visual work using discipline-specific vocabulary.
7. Relate historical and contemporary art/design examples to design decisions.
8. Apply introductory usability principles to digital deliverables.

Viticulture Advanced Certificate

General Information

Program Description

The Viticulture Advanced Certificate is designed to prepare individuals for various careers in the grape growing industry. Classroom instruction, laboratory and in-depth field applications of viticultural principles and practices are included in the program of study. Learning outcomes are applied in a 12-acre on-campus teaching vineyard.

Credit Hours

25

Program Requirements

Simple Requisites

Program Requirements

Required Courses

Type

Completion Requirement

Total Credits: 25

Complete ALL of the following Courses:

- AGS105 - Soils
- AGS107 - Entomology
- AGS274 - Water Management
- VEN100 - Introduction to Viticulture
- VEN101 - Establishing a Vinifera Vineyard
- VEN103 - Maintaining a Vinifera Vineyard
- VEN195V - Viticulture Practicum
- VEN195VS - Viticulture Practicum Summer

Note: Students must complete VEN 195V in Fall and Spring for a total of 4 credits.

Program Learning Outcomes

Program Learning Outcomes

Upon successful completion of the Viticulture Advanced Certificate program, the learner will be able to:

1. Design a site for vitis vinifera production.
2. Maintain crop health.
3. Grow wine grapes.

Viticulture and Enology - AAS

General Information

Program Description

The Viticulture and Enology degree program prepares students for a variety of careers in vineyards (vineyard workers, crew leaders, managers, viticulturists) to wineries (winemakers, cellar workers, lab technicians).

Credit Hours

63

Program Notes

Students must be 21 years of age or older to pursue the Viticulture and Enology Degree.

[Click for more information about this program](#)

Program Requirements

Simple Requisites

Program Requirements
<p>General Education</p> <p>Type Completion Requirement</p> <p>Total Credits: 19</p> <p>Complete ALL of the following Requirement Set:</p> <ul style="list-style-type: none"> General Education Curriculum for Viticulture and Enology (AAS)
<p>Required Courses</p> <p>Type Completion Requirement</p> <p>Total Credits: 44</p> <p>Complete ALL of the following Courses:</p> <ul style="list-style-type: none"> AGS105 - Soils AGS107 - Entomology AGS274 - Water Management VEN100 - Introduction to Viticulture VEN101 - Establishing a Vinifera Vineyard VEN103 - Maintaining a Vinifera Vineyard VEN121 - Wines of the World VEN122 - Sensory Evaluation of Wine VEN195E - Winemaking Practicum VEN195ES - Winemaking Practicum Summer VEN195V - Viticulture Practicum VEN195VS - Viticulture Practicum Summer VEN200 - Science of Winemaking I VEN201 - Science of Winemaking II VEN202 - Science of Winemaking III <p>Notes:</p> <p>Students must complete VEN195E in Fall and Spring for a total of 4 credits.</p> <p>Students must complete VEN195V in Fall and Spring for a total of 4 credits</p>

Program Learning Outcomes

Program Learning Outcomes

Upon successful completion of the Viticulture and Enology Degree program, the learner will be able to:

1. Design a site for vitis vinifera production.
2. Maintain crop health.
3. Grow wine grapes.
4. Perform steps in the winemaking process.
5. Evaluate wines.
6. Describe legal compliances and business functions in the wine industry.

Viticulture Fundamentals Certificate

General Information

Program Description

The Viticulture Fundamentals certificate is designed to prepare individuals for various careers in the grape growing industry. Classroom instruction, laboratory and field applications of viticultural principles and practices are included in the program of study.

Credit Hours

16

Program Requirements

Simple Requisites

Program Requirements
<p>Required Courses</p> <p>Type Completion Requirement</p> <p>Total Credits: 16</p> <p>Complete ALL of the following Courses:</p> <ul style="list-style-type: none"> AGS105 - Soils AGS274 - Water Management VEN100 - Introduction to Viticulture VEN101 - Establishing a Vinifera Vineyard VEN103 - Maintaining a Vinifera Vineyard

Program Learning Outcomes

Program Learning Outcomes

Upon successful completion of the Viticulture Fundamentals Certificate program, the learner will be able to:

1. Design a site for vitis vinifera production.
2. Maintain crop health.
3. Grow wine grapes.

Welding - Gas Metal Arc Welding Certificate

General Information

Program Description

Prepares students for employment in welding positions requiring competency in the field of Gas Metal Arc Welding. Coursework may upgrade skills and assist in career advancement for currently employed welders.

Credit Hours

24

Program Notes

Program Requirements

Simple Requisites

Program Requirements
<p>Required Courses</p> <p>Type Completion Requirement</p> <p>Total Credits: 24</p> <p>Complete ALL of the following Courses:</p> <ul style="list-style-type: none"> • WLD130 - Oxyacetylene • WLD140 - Arc I • WLD145 - Arc II • WLD156 - Blueprint Reading • WLD210 - Gas Metal Arc Welding • WLD250 - Welded Metal Fabrication

Program Learning Outcomes

Program Learning Outcomes

Upon successful completion of the Welding - Gas Metal Arc Certificate program, the learner will be able to:

1. Use welding safety procedures.
2. Interpret welding blueprints.
3. Operate oxyacetylene equipment to weld, cut, braze, and braze weld to industry requirements.
4. Operate shielded metal arc welding equipment to industry requirements.
5. Order, layout, and fabricate material as required by blueprints.
6. Operate gas metal arc welding equipment to industry requirements.

Welding - Gas Tungsten Arc Welding Certificate

General Information

Program Description

Prepares students for employment in welding positions requiring competency in the field of Gas Tungsten Arc Welding. Coursework may upgrade skills and assist in career advancement for currently employed welders.

Credit Hours

24

Program Notes

Program Requirements

Simple Requisites

Program Requirements
<p>Required Courses</p> <p>Type Completion Requirement</p> <p>Total Credits: 24</p> <p>Complete ALL of the following Courses:</p> <ul style="list-style-type: none"> • WLD130 - Oxyacetylene • WLD140 - Arc I • WLD145 - Arc II • WLD156 - Blueprint Reading • WLD200 - Gas Tungsten Arc Welding • WLD250 - Welded Metal Fabrication

Program Learning Outcomes

Program Learning Outcomes

Upon successful completion of the Welding - Gas Tungsten Arc Certificate program, the learner will be able to:

1. Use welding safety procedures.
2. Interpret welding blueprints.
3. Operate oxyacetylene equipment to weld, cut, braze, and braze weld to industry requirements.
4. Operate shielded metal arc welding equipment to industry requirements.
5. Order, layout, and fabricate material as required by blueprints.
6. Operate gas tungsten arc welding equipment to industry requirements.

Welding - Pipe Welding Certificate

General Information

Program Description

The Pipe Welding Certificate prepares students for employment in welding positions requiring competency in the field of Pipe Welding. Coursework may upgrade skills and assist in career advancement for currently employed welders.

Credit Hours

24

Program Notes

Program Requirements

Simple Requisites

Program Requirements
<p>Required Courses</p> <p>Type Completion Requirement</p> <p>Total Credits: 24</p> <p>Complete ALL of the following Courses:</p> <ul style="list-style-type: none"> • WLD130 - Oxyacetylene • WLD140 - Arc I • WLD145 - Arc II • WLD156 - Blueprint Reading • WLD250 - Welded Metal Fabrication • WLD282 - Pipe Welding I

Program Learning Outcomes

Program Learning Outcomes

Upon successful completion of the Welding - Pipe Welding Certificate program, the learner will be able to:

1. Use welding safety procedures.
2. Interpret welding blueprints.
3. Operate oxyacetylene equipment to weld, cut, braze, and braze weld to industry requirements.
4. Operate shielded metal arc welding equipment to industry requirements.
5. Order, layout, and fabricate material as required by blueprints.
6. Explain proper welding skills for fabricating pipe.

Welding - Structural Welding Certificate

General Information

Program Description

The Structural Welding certificate prepares students for employment in positions requiring competency in the field of welding. Coursework may upgrade skills and assist in career advancement for currently employed welders.

Credit Hours

16

Program Notes

Program Requirements

Simple Requisites

Program Requirements
<p>Required Courses</p> <p>Type Completion Requirement</p> <p>Total Credits: 16</p> <p>Complete ALL of the following Courses:</p> <ul style="list-style-type: none"> • WLD130 - Oxyacetylene • WLD140 - Arc I • WLD145 - Arc II • WLD156 - Blueprint Reading

Program Learning Outcomes

Program Learning Outcomes

Upon successful completion of the Welding - Structural Certificate program, the learner will be able to:

1. Use welding safety procedures.
2. Interpret welding blueprints.
3. Operate oxyacetylene equipment to weld, cut, braze, and braze weld to industry requirements.
4. Operate shielded metal arc welding equipment to industry requirements.

Women's Health Imaging Certificate

General Information

Program Description

The Women's Health Imaging Certificate program is comprised of two courses designed as facilitated and self-directed learning for radiologic professionals seeking a fulfilling career as a mammographer. Participants must be in good standing with the American Registry of Radiologic Technologists (ARRT). The program, which can be completed in one semester, offers both didactic coursework and clinical skills experiences necessary to prepare the student to challenge the ARRT post-primary examination in mammography. This certificate program meets the required 40-hour initial training outlined by the Mammography Quality Standards Act and Program (MQSA).

Credit Hours

7

Program Notes

[Click to view Professional Licensure Disclosure](#)

For application and detailed program information, visit www.yc.edu/radiology.

This certificate is not eligible for Federal Financial Aid. To explore other financial aid opportunities, please visit YC Admission.

Program Requirements

Simple Requisites

Program Requirements

Required Courses

Type
Completion Requirement

Total Credits: 7

Complete ALL of the following Courses:

- ICE250 - Mammography Initial Training
- ICE255 - Mammography Clinical Education

Program Learning Outcomes

Program Learning Outcomes

Upon successful completion of the Women's Health Imaging Certificate program, the learner will be able to:

1. Demonstrate the clinical competency required for an entry-level mammography technologist, including proficiency in imaging techniques, patient care and adherence to safety standards.
2. Make informed decisions regarding imaging protocols, positioning adjustments, and procedural modifications to accommodate diverse patient needs.
3. Exhibit the expertise and clinical competence required to challenge the American Registry of Radiologic Technologists (ARRT) post-primary certification examination.

Writing for the Screen Certificate

General Information

Program Description

The Writing for the Screen Certificate focuses on storytelling across media, including podcasting, marketing/sales, social media, video games, VR, citizen journalism, education, YouTube, client based content, film and television.

Credit Hours

21

Program Notes

This program can be completed entirely online.

Program Requirements

Simple Requisites

Program Requirements

Required Courses

Type
Completion Requirement

Total Credits: 21

Complete ALL of the following Courses:

- FMA103 - Screenwriting I
- FMA104 - Podcasting
- FMA110 - Pre-Production
- FMA116 - The Business of Content Creation
- FMA121 - Screenwriting II
- FMA150 - History of American Cinema
- FMA190 - Foundations of Documentary and Docudrama Storytelling

Program Learning Outcomes

Program Learning Outcomes

Upon successful completion of the Writing for the Screen Certificate, the learner will be able to:

1. Exhibit a working knowledge of storytelling across mediums.
2. Apply key points of storytelling in cinema to content creation.
3. Create a podcast using journalism principles.
4. Create a screenplay using three act structure with solid characters, conflicts and story.

All Courses

ACC115 - Basic Tax Planning

Overview

Course Prefix
ACC

Course Number
115

Course Title
Basic Tax Planning

Degree Attributes
Tuition 2 (1T12)

Course Description

Techniques of federal individual, partnership and corporation income tax preparation. Emphasis on tax return preparation, with review of individual income tax law and applications of that law to tax return forms. Recommended preparation: ACC 131 and ACC 132. Prerequisite: ACC 121 or ACC 131 (may be taken concurrently).

Credit Hours

Credit Hours

Min:
3

Lecture Hours

Min:
3

Lab Hours

Min:
0

Requisites

Simple Requisites

Type
Prerequisite

Complete ALL of the following Courses:

- ACC121 - Introductory Accounting
OR ACC131 - Principles of Accounting I

ACC 121 or ACC 131 may be taken concurrently.

ACC117 - Advanced Tax Planning and Preparation

Overview

Course Prefix
ACC

Course Number
117

Course Title
Advanced Tax Planning and Preparation

Degree Attributes
Tuition 2 (1T12)

Course Description

Advanced study in individual, corporate, and partnership taxation. Prerequisite: ACC 115.

Credit Hours

Credit Hours

Min:
3

Lecture Hours

Min:
3

Lab Hours

Min:
0

Requisites

Simple Requisites

Type
Prerequisite

Complete ALL of the following Courses:

- ACC115 - Basic Tax Planning

ACC121 - Introductory Accounting

Overview

Course Prefix

ACC

Course Number

121

Course Title

Introductory Accounting

Degree Attributes

Tuition 2 (1T12)

Course Description

General ledger bookkeeping and preparing financial statements.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

3

Lab Hours

Min:

0

ACC122 - Payroll Accounting

Overview

Course Prefix

ACC

Course Number

122

Course Title

Payroll Accounting

Degree Attributes

Tuition 2 (1T12)

Course Description

Payroll functions for a business including timekeeping techniques, payroll accounting records, check writing, preparation of federal and state payroll reports, insurance reports, and retirement plan reports. Manual record keeping and report submission as well as computerized payroll will be covered. Prerequisites: ACC 121 or ACC 131.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

3

Lab Hours

Min:

0

Requisites

Simple Requisites

<p>Type Prerequisite</p> <div style="border: 1px solid black; padding: 10px;"><p>Complete ALL of the following Courses:</p><ul style="list-style-type: none">• ACC121 - Introductory Accounting OR ACC131 - Principles of Accounting I</div>
--

ACC131 - Principles of Accounting I

Overview

Course Prefix

ACC

Course Number

131

Course Title

Principles of Accounting I

Degree Attributes

SUN# ACC 2201 (Z001), Tuition 2 (1T12)

Course Description

U.S. GAAP rules and procedures of accrual accounting applied to the preparation and interpretation of general-purpose financial statements. Principles and procedures of accrual accounting applied to preparation and interpretation of general purpose financial statements.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

3

Lab Hours

Min:

0

ACC132 - Principles of Accounting II

Overview

Course Prefix

ACC

Course Number

132

Course Title

Principles of Accounting II

Degree Attributes

SUN# ACC 2202 (Z002), Tuition 2 (1T12)

Course Description

Advanced U.S. GAAP rules and procedures of accrual accounting applied to the preparation and interpretation of general-purpose financial statements with an introduction to managerial accounting and decision-making. Prerequisite: ACC 131

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

3

Lab Hours

Min:

0

Requisites

Simple Requisites

<p>Type Prerequisite</p> <div style="border: 1px solid black; padding: 5px;"><p>Complete ALL of the following Courses:</p><ul style="list-style-type: none">• ACC131 - Principles of Accounting I</div>

ACC160 - Computer Accounting with QuickBooks

Overview

Course Prefix
ACC

Course Number
160

Course Title
Computer Accounting with QuickBooks

Degree Attributes
Tuition 2 (1T12)

Course Description
Use of QuickBooks for general ledger bookkeeping and personal finance. Emphasis on solving advanced accounting simulations. Prerequisite: ACC 121 or ACC 131.

Credit Hours

Credit Hours

Min:
3

Lecture Hours

Min:
3

Lab Hours

Min:
0

Requisites

Simple Requisites

Type
Prerequisite

Complete ALL of the following Courses:

- ACC121 - Introductory Accounting
OR ACC131 - Principles of Accounting I

ACC210 - Data Analytics for Accounting

Overview

Course Prefix
ACC

Course Number
210

Course Title
Data Analytics for Accounting

Degree Attributes
Tuition 2 (1T12)

Course Description
The study of data analytics and its applications in accounting and tax contexts, with an emphasis on data preparation, modeling, analysis and interpretation, and visualization. Prerequisites: BSA 228 (or BSA 238 or CSA 126 or AGS 101) and ACC 131

Credit Hours

Credit Hours

Min:
3

Lecture Hours

Min:
3

Lab Hours

Min:
0

Requisites

Simple Requisites

Type
Prerequisite

Complete ALL of the following Courses:

- BSA228 - Professional Productivity Solutions
OR BSA238 - Advanced Professional Productivity Solutions
OR CSA126 - Microsoft Office for Windows
OR AGS101 - Microcomputers in Agriculture
- ACC131 - Principles of Accounting I

ACC233 - Intermediate Accounting I

Overview

Course Prefix

ACC

Course Number

233

Course Title

Intermediate Accounting I

Degree Attributes

Tuition 2 (1T12)

Course Description

Financial accounting topics, including generally accepted accounting principles application, as well as rationale and clarification of the reasons for specific accounting principles. Includes analysis and use of balance sheets, cash and receivables, inventories, and temporary and long-term investments. Prerequisite: ACC 131

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

3

Lab Hours

Min:

0

Requisites

Simple Requisites

Type

Prerequisite

Complete ALL of the following Courses:

- ACC131 - Principles of Accounting I

ACC234 - Intermediate Accounting II

Overview

Course Prefix

ACC

Course Number

234

Course Title

Intermediate Accounting II

Degree Attributes

Tuition 2 (1T12)

Course Description

Integration of advanced accounting theory and practice, including investments, long and short term liabilities, pension plans, stockholders' equity, and advanced analysis of financial statements. Prerequisite: ACC 233

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

3

Lab Hours

Min:

0

Requisites

Simple Requisites

Type

Prerequisite

Complete ALL of the following Courses:

- ACC233 - Intermediate Accounting I

ACC296 - Internship: Accounting

Overview

Course Prefix

ACC

Course Number

296

Course Title

Internship: Accounting

Degree Attributes

Tuition 2 (1T12)

Course Description

Supervised field experience with businesses, corporations, government agencies, schools and community organizations to expand career interests and apply subject knowledge relevant to the workplace. Individualized internship placements to develop personal and professional skills, including professional ethics, leadership, and civic responsibility.

Prerequisite: Student must have a GPA of 2.0; have completed specific degree requirements as required by the program; and have completed the internship application process. [Repeatable for a total of 6 credit hours towards degree/certificate requirements.] S/U grading only.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

0

Lab Hours

Min:

0

Requisites

Simple Requisites

Type

Prerequisite

Fulfill ALL of the following requirements:

Student must have a GPA of 2.0; have completed specific degree requirements as required by the program; and have completed the internship application process.

ACC299 - Independent Study Accounting

Overview

Course Prefix

ACC

Course Number

299

Course Title

Independent Study Accounting

Degree Attributes

Tuition 2 (1T12)

Course Description

Supervised special project in this field of study. Approval of supervising Dean is required.

Credit Hours

Credit Hours

Min:

1

Max:

6

Credit Hours

Operator:

TO

Lecture Hours

Min:

0

Lab Hours

Min:

0

ACC310 - Accounting Information Systems

Overview

Course Prefix

ACC

Course Number

310

Course Title

Accounting Information Systems

Degree Attributes

Tuition 5 (1T15)

Course Description

Concepts and terminology of accounting information systems and the use of information technology for decision making in accounting and auditing. Major topic areas include Accounting Information Systems (AIS) and the firm, business processes, data analytics and emerging technologies, and managing and evaluating AIS. Prerequisite: Program Admission. ACC 131, ACC 210, BSA 131, BSA 228, ECN 232, and ECN 236.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

3

Lab Hours

Min:

0

Requisites

Simple Requisites

Type

Prerequisite

Complete ALL of the following Courses:

- ACC131 - Principles of Accounting I
- ACC210 - Data Analytics for Accounting
- BSA131 - Introduction to Business
- BSA228 - Professional Productivity Solutions
- ECN232 - Business Statistical Analysis
- ECN236 - Principles of Economics-Micro

Program Admission

ACC320 - Cost Accounting

Overview

Course Prefix

ACC

Course Number

320

Course Title

Cost Accounting

Degree Attributes

Tuition 5 (1T15)

Course Description

The theory and practice of cost accounting with emphasis on its use for planning and control. Expands concepts of budgeting, standards, and profitability analysis introduced in ACC 132. Prerequisite: Program Admission. ACC 131, ACC 132, BSA 131, BSA 228, ECN 232, and ECN 236. Recommended Preparation: ACC 234.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

3

Lab Hours

Min:

0

Requisites

Simple Requisites

Type

Prerequisite

Complete ALL of the following Courses:

- ACC131 - Principles of Accounting I
- ACC132 - Principles of Accounting II
- BSA131 - Introduction to Business
- BSA228 - Professional Productivity Solutions
- ECN232 - Business Statistical Analysis
- ECN236 - Principles of Economics-Micro

Program Admission.

Recommended Preparation: [ACC234 Intermediate Accounting II](#).

ACC410 - Forensic Accounting and Fraud Examination

Overview

Course Prefix

ACC

Course Number

410

Course Title

Forensic Accounting and Fraud Examination

Degree Attributes

Tuition 5 (1T15)

Course Description

Introduction to the world of fraud detection and deterrence, providing a solid foundation in core concepts and methods for both public and private sector environments. Aligned with the National Institute of Justice (NIJ) model curriculum, this course provides coverage of asset misappropriation, corruption, and fraud. Prerequisites: Program Admission. ACC 131, ACC 132, BSA 131, BSA 228, ECN 232, and ECN 236. Recommended preparation: ACC 234 and BSA 237.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

3

Lab Hours

Min:

0

Requisites

Simple Requisites

Type

Prerequisite

Complete ALL of the following Courses:

- ACC131 - Principles of Accounting I
- ACC132 - Principles of Accounting II
- BSA131 - Introduction to Business
- BSA228 - Professional Productivity Solutions
- ECN232 - Business Statistical Analysis
- ECN236 - Principles of Economics-Micro

Program Admission.

Recommended preparation: [ACC234 Intermediate Accounting II](#) and [BSA237 Legal Environment Business](#).

ACC420 - Governmental and Nonprofit Accounting

Overview

Course Prefix

ACC

Course Number

420

Course Title

Governmental and Nonprofit Accounting

Degree Attributes

Tuition 5 (1T15)

Course Description

Concepts and techniques of fund accounting and the financial reporting for governmental and not-for-profit entities. Prerequisites: Program Admission. ACC 115, ACC 131, ACC 132, BSA 131, BSA 228, ECN 232, and ECN 236. Recommended Preparation: ACC 117 and ACC 234.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

3

Lab Hours

Min:

0

Requisites

Simple Requisites

Type

Prerequisite

Complete ALL of the following Courses:

- ACC115 - Basic Tax Planning
- ACC131 - Principles of Accounting I
- ACC132 - Principles of Accounting II
- BSA131 - Introduction to Business
- BSA228 - Professional Productivity Solutions
- ECN232 - Business Statistical Analysis
- ECN236 - Principles of Economics-Micro

Program Admission.

Recommended preparation: [ACC117 Adv Tax Planning and Prep](#) and [ACC234 Intermediate Accounting II](#).

ACC430 - Auditing and Assurance Services

Overview

Course Prefix

ACC

Course Number

430

Course Title

Auditing and Assurance Services

Degree Attributes

Tuition 5 (1T15)

Course Description

Auditing and other assurance services, including professional standards and procedures as applied to external and internal assurance engagements, ethics, and legal liability.

Prerequisites: Program Admission. ACC 131, ACC 132, BSA 131, BSA 228, ECN 232, and ECN 236. Recommended Preparation: ACC 234.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

3

Lab Hours

Min:

0

Requisites

Simple Requisites

Type

Prerequisite

Complete ALL of the following Courses:

- ACC131 - Principles of Accounting I
- ACC132 - Principles of Accounting II
- BSA131 - Introduction to Business
- BSA228 - Professional Productivity Solutions
- ECN232 - Business Statistical Analysis
- ECN236 - Principles of Economics-Micro

Program Admission.

Recommended preparation: [ACC234 Intermediate Accounting II](#).

AFL101 - Heritage and Values

Overview

Course Prefix

AFL

Course Number

101

Course Title

Heritage and Values

Degree Attributes

Tuition 2 (1T12)

Course Description

Survey course designed to introduce students to the United States Air and Space Forces and provides an overview of the basic characteristics, missions, and organization of the Air and Space Forces. Leadership Laboratory is mandatory for Air Force ROTC cadets and complements this course by providing cadets with followership experiences.

Corequisite: AFL 101L

Credit Hours

Credit Hours

Min:

1

Lecture Hours

Min:

1

Lab Hours

Min:

0

Requisites

Simple Requisites

Type

Corequisite

Complete ALL of the following Courses:

- AFL101L - Leadership Laboratory

AFL101L - Leadership Laboratory

Overview

Course Prefix

AFL

Course Number

101L

Course Title

Leadership Laboratory

Degree Attributes

Tuition 2 (1T12)

Course Description

LLAB is a dynamic and integrated grouping of leadership developmental activities designed to meet the needs and expectations of prospective Department of the Air Force second lieutenants and complement the AFROTC academic program. It is a student planned, organized, and executed practicum conducted under the supervision of the Detachment Commander and Operations Flight Commander. These courses are graded pass/fail. Corequisite: AFL 101

Credit Hours

Credit Hours

Min:

1

Lecture Hours

Min:

0

Lab Hours

Min:

2

Requisites

Simple Requisites

Type

Corequisite

Complete ALL of the following Courses:

- AFL101 - Heritage and Values

AFL102 - Heritage and Values

Overview

Course Prefix

AFL

Course Number

102

Course Title

Heritage and Values

Degree Attributes

Tuition 2 (1T12)

Course Description

Continuation of AFL 101. Survey course designed to introduce students to the United States Air and Space Forces and provides an overview of the basic characteristics, missions, and organization of the Air and Space Forces. Leadership Laboratory is mandatory for Air Force ROTC cadets and complements this course by providing cadets with followership experiences. Corequisite: AFL 102L

Credit Hours

Credit Hours

Min:

1

Lecture Hours

Min:

1

Lab Hours

Min:

0

Requisites

Simple Requisites

Type

Corequisite

Complete ALL of the following Courses:

- AFL102L - Leadership Laboratory

AFL102L - Leadership Laboratory

Overview

Course Prefix

AFL

Course Number

102L

Course Title

Leadership Laboratory

Degree Attributes

Tuition 2 (1T12)

Course Description

LLAB is adynamic and integrated grouping of leadership developmental activities designed to meet the needs and expectations of prospective Department of the Air Force second lieutenants and complement the AFROTC academic program. It is a student planned, organized, and executed practicum conducted under the supervision of the Detachment Commander and Operations Flight Commander. These courses are graded pass/fail. Corequisite: AFL 102

Credit Hours

Credit Hours

Min:

1

Lecture Hours

Min:

0

Lab Hours

Min:

2

Requisites

Simple Requisites

Type

Corequisite

Complete ALL of the following Courses:

- AFL102 - Heritage and Values

AFL201 - Team and Leadership Fundamentals

Overview

Course Prefix

AFL

Course Number

201

Course Title

Team and Leadership Fundamentals

Degree Attributes

Tuition 2 (1T12)

Course Description

Provides a fundamental understanding of both leadership and team building. The lessons and course flow are designed to prepare students for field training and leadership positions in the detachment. Corequisite: AFL 201L

Credit Hours

Credit Hours

Min:

1

Lecture Hours

Min:

1

Lab Hours

Min:

0

Requisites

Simple Requisites

Type

Corequisite

Complete ALL of the following Courses:

- AFL201L - Leadership Laboratory

AFL201L - Leadership Laboratory

Overview

Course Prefix

AFL

Course Number

201L

Course Title

Leadership Laboratory

Degree Attributes

Tuition 2 (1T12)

Course Description

LLAB is a dynamic and integrated grouping of leadership developmental activities designed to meet the needs and expectations of prospective Department of the Air Force second lieutenants and complement the AFROTC academic program. It is a student-planned, organized, and executed practicum conducted under the supervision of the Detachment Commander and Operations Flight Commander. Corequisite: AFL 201

Credit Hours

Credit Hours

Min:

1

Lecture Hours

Min:

0

Lab Hours

Min:

2

Requisites

Simple Requisites

Type

Corequisite

Complete ALL of the following Courses:

- AFL201 - Team and Leadership Fundamentals

AFL202 - Team and Leadership Fundamentals

Overview

Course Prefix

AFL

Course Number

202

Course Title

Team and Leadership Fundamentals

Degree Attributes

Tuition 2 (1T12)

Course Description

Continuation of AFL 201. Provides a fundamental understanding of both leadership and team building. The lessons and course flow are designed to prepare students for field training and leadership positions in the detachment. Corequisite: AFL 202L

Credit Hours

Credit Hours

Min:

1

Lecture Hours

Min:

1

Lab Hours

Min:

0

Requisites

Simple Requisites

Type

Corequisite

Complete ALL of the following Courses:

- AFL202L - Leadership Laboratory

AFL202L - Leadership Laboratory

Overview

Course Prefix

AFL

Course Number

202L

Course Title

Leadership Laboratory

Degree Attributes

Tuition 2 (1T12)

Course Description

LLAB is a dynamic and integrated grouping of leadership developmental activities designed to meet the needs and expectations of prospective Department of the Air Force second lieutenants and complement the AFROTC academic program. It is a student-planned, organized, and executed practicum conducted under the supervision of the Detachment Commander and Operations Flight Commander. Corequisite: AFL 202

Credit Hours

Credit Hours

Min:

1

Lecture Hours

Min:

0

Lab Hours

Min:

2

Requisites

Simple Requisites

Type

Corequisite

Complete ALL of the following Courses:

- AFL202 - Team and Leadership Fundamentals

AFL301 - Leading People and Effective Communication

Overview

Course Prefix

AFL

Course Number

301

Course Title

Leading People and Effective Communication

Degree Attributes

Tuition 5 (1T15)

Course Description

Utilizes student field training experience to take a more in-depth look at leadership. Special emphasis is placed on enhancing communication skills and why that is important as a leader. Students have an opportunity to try out these leadership and management techniques in a supervised environment as juniors and seniors. Corequisites: AFL 301L

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

3

Lab Hours

Min:

0

Requisites

Simple Requisites

Type

Corequisite

Complete ALL of the following Courses:

- AFL301L - Leadership Laboratory

AFL301L - Leadership Laboratory

Overview

Course Prefix

AFL

Course Number

301L

Course Title

Leadership Laboratory

Degree Attributes

Tuition 5 (1T15)

Course Description

LLAB is a dynamic and integrated grouping of leadership developmental activities designed to meet the needs and expectations of the prospective Department of the Air Force second lieutenants and complement the AFROTC academic program. It is a student-planned, organized, and executed practicum conducted under the supervision of the Detachment Commander and Operations Flight Commander. Corequisites: AFL 301

Credit Hours

Credit Hours

Min:

1

Lecture Hours

Min:

0

Lab Hours

Min:

2

Requisites

Simple Requisites

Type

Corequisite

Complete ALL of the following Courses:

- AFL301 - Leading People and Effective Communication

AFL302 - Leading People and Effective Communication

Overview

Course Prefix

AFL

Course Number

302

Course Title

Leading People and Effective Communication

Degree Attributes

Tuition 5 (1T15)

Course Description

Continuation of AFL 301. Utilizes student field training experience to take a more in-depth look at leadership. Special emphasis is placed on enhancing communication skills and why that is important as a leader. Students have an opportunity to try out these leadership and management techniques in a supervised environment as juniors and seniors. Corequisites: AFL 302L

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

3

Lab Hours

Min:

0

Requisites

Simple Requisites

Type

Corequisite

Complete ALL of the following Courses:

- AFL302L - Leadership Laboratory

AFL302L - Leadership Laboratory

Overview

Course Prefix

AFL

Course Number

302L

Course Title

Leadership Laboratory

Degree Attributes

Tuition 5 (1T15)

Course Description

LLAB is a dynamic and integrated grouping of leadership developmental activities designed to meet the needs and expectations of prospective Department of the Air Force second lieutenants and complement the AFROTC academic program. It is a student-planned, organized, and executed practicum conducted under the supervision of the Detachment Commander and Operations Flight Commander. Corequisite: AFL 302

Credit Hours

Credit Hours

Min:

1

Lecture Hours

Min:

0

Lab Hours

Min:

2

Requisites

Simple Requisites

Type

Corequisite

Complete ALL of the following Courses:

- AFL302 - Leading People and Effective Communication

AFL401 - National Security & Commissioning Preparation

Overview

Course Prefix

AFL

Course Number

401

Course Title

National Security & Commissioning Preparation

Degree Attributes

Tuition 5 (1T15)

Course Description

It is designed for college seniors and gives them the foundation to understand their role as military officers and how they are directly tied to our National Security Strategy. It is an overview of the complex social and political issues facing the military profession and requires a measure of sophistication commensurate with the senior college level. Corequisite: AFL 401L

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

3

Lab Hours

Min:

0

Requisites

Simple Requisites

Type

Corequisite

Complete ALL of the following Courses:

- AFL401L - Leadership Laboratory

AFL401L - Leadership Laboratory

Overview

Course Prefix

AFL

Course Number

401L

Course Title

Leadership Laboratory

Degree Attributes

Tuition 5 (1T15)

Course Description

LLAB is a dynamic and integrated grouping of leadership development activities designed to meet the needs and expectations of prospective Department of the Air Force second lieutenants and complement the AFROTC academic program. It is a student-planned, organized, and executed practicum conducted under the supervision of the Detachment Commander and Operations Flight Commander. Corequisite: AFL 401

Credit Hours

Credit Hours

Min:

1

Lecture Hours

Min:

0

Lab Hours

Min:

2

Requisites

Simple Requisites

Type

Corequisite

Complete ALL of the following Courses:

- AFL401 - National Security & Commissioning Preparation

AFL402 - National Security & Commissioning Preparation

Overview

Course Prefix

AFL

Course Number

402

Course Title

National Security & Commissioning Preparation

Degree Attributes

Tuition 5 (1T15)

Course Description

Continuation of AFL 401. It is designed for college seniors and gives them the foundation to understand their role as military officers and how they are directly tied to our National Security Strategy. It is an overview of the complex social and political issues facing the military profession and requires a measure of sophistication commensurate with the senior college level. Corequisites: AFL 402L

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

3

Lab Hours

Min:

0

Requisites

Simple Requisites

Type

Corequisite

Complete ALL of the following Courses:

- AFL402L - Leadership Laboratory

AFL402L - Leadership Laboratory

Overview

Course Prefix

AFL

Course Number

402L

Course Title

Leadership Laboratory

Degree Attributes

Tuition 5 (1T15)

Course Description

LLAB is a dynamic and integrated grouping of leadership developmental activities designed to meet the needs and expectations of prospective Department of the Air Force second lieutenants and complement the AFROTC academic program. It is a student-planned, organized, and executed practicum conducted under the supervision of the Detachment Commander and Operations Flight Commander. Corequisite: AFL 402

Credit Hours

Credit Hours

Min:

1

Lecture Hours

Min:

0

Lab Hours

Min:

2

Requisites

Simple Requisites

Type

Corequisite

Complete ALL of the following Courses:

- AFL402 - National Security & Commissioning Preparation

AGE101 - Riding Methods I

Overview

Course Prefix

AGE

Course Number

101

Course Title

Riding Methods I

Degree Attributes

Tuition 2 (1T12)

Course Description

Basics in pre-ride preparation, tacking, mounting, controlling and directing a horse at appropriate gait for horse and rider (e. g. walk, trot, lope). Emphasis on safety, fundamental patterns, and smooth transitions. Includes exercises to develop focus, feel and balance to create fluid synchronization between horse and rider. Horse ownership required or contact instructor for lease option.

Credit Hours

Credit Hours

Min:

2

Lecture Hours

Min:

1

Lab Hours

Min:

2

AGE120 - Equine Health and First Aid

Overview

Course Prefix

AGE

Course Number

120

Course Title

Equine Health and First Aid

Degree Attributes

Tuition 2 (1T12)

Course Description

Equine health management with emphasis on identifying potential problems at an early stage, causes and prevention. Includes terminology to better communicate with health care practitioners and horse handling during routine health maintenance, first aid, and emergencies.

Credit Hours

Credit Hours

Min:

2

Lecture Hours

Min:

2

Lab Hours

Min:

1

AGE122 - Principles of Equine Nutrition

Overview

Course Prefix

AGE

Course Number

122

Course Title

Principles of Equine Nutrition

Degree Attributes

Tuition 2 (1T12)

Course Description

Principles of horse nutrition and its application to horse health. Includes the equine digestive system, functions of feeds, nutrient needs, protein, minerals, vitamins, water-soluble vitamins and rations. Emphasis on identifying potential problems at an early stage, causes and prevention.

Credit Hours

Credit Hours

Min:

2

Lecture Hours

Min:

2

Lab Hours

Min:

0

AGE125 - Equine Behavior

Overview

Course Prefix

AGE

Course Number

125

Course Title

Equine Behavior

Degree Attributes

Tuition 2 (1T12)

Course Description

Horse Behavior as it relates to their care, healthy development, and overall welfare and needs. Perception, learning, communication, and stress are reviewed with a focus on the impact humans have on horses in management, sport, and industry. Basic behavior modification as well as ethical and effective training and handling principles within the context of behavior.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

3

Lab Hours

Min:

0

AGE140 - Equine Hoof Care

Overview

Course Prefix

AGE

Course Number

140

Course Title

Equine Hoof Care

Degree Attributes

Tuition 2 (1T12)

Course Description

Basic anatomy and physiology of the legs and feet. Equine conformation, movement and performance. Basic horseshoeing trimming techniques.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

3

Lab Hours

Min:

0

AGE201 - Riding Methods II

Overview

Course Prefix

AGE

Course Number

201

Course Title

Riding Methods II

Degree Attributes

Tuition 2 (1T12)

Course Description

Advanced riding skills for any discipline. Emphasis on safety, tack, grooming, horsemanship, and applicable gaits for various breeds. Focus on balance, control, posting, transitions, lateral work, training patterns and basic trail obstacles. Trailering and trail etiquette. Horse ownership required or lease option available; contact instructor.

Credit Hours**Credit Hours****Min:**

2

Lecture Hours**Min:**

1

Lab Hours**Min:**

2

AGE231 - Professional Groom and Handler

Overview

Course Prefix

AGE

Course Number

231

Course Title

Professional Groom and Handler

Degree Attributes

Tuition 2 (1T12)

Course Description

Basic skills of handling horses in a safe manner to complete daily job duties in a working stable or show barn. Stall cleaning/maintenance, daily feeding/rations, inventory, purchasing, record keeping, ethics, and client relations. Grooming techniques and equipment. Responsibilities of a professional groom/handler.

Credit Hours**Credit Hours****Min:**

3

Lecture Hours**Min:**

2

Lab Hours**Min:**

2

AGE260 - Ground Skills and Training Techniques in Horsemanship

Overview

Course Prefix

AGE

Course Number

260

Course Title

Ground Skills and Training Techniques in Horsemanship

Degree Attributes

Tuition 2 (1T12)

Course Description

Ground skills necessary for safety, control and cooperation with horses. Various training philosophies as well as methodologies involved in preparing individuals to train their own horse. Includes hands-on sessions with horses to build ground manners for liberty and riding. Personal horses welcome but not required.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

2

Lab Hours

Min:

2

AGE296 - Internship: Equine

Overview

Course Prefix

AGE

Course Number

296

Course Title

Internship: Equine

Degree Attributes

Tuition 2 (1T12)

Course Description

Supervised field experience with businesses, corporations, government agencies, schools and community organizations to expand career interests and apply subject knowledge relevant to the workplace. Individualized internship placements to develop personal and professional skills, including professional ethics, leadership, and civic responsibility. [Repeatable for a total of 6 credit hours towards degree/certificate requirements.] S/U grading only.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

0

Lab Hours

Min:

0

AGE299 - Independent Study Agriculture Science Equine

Overview

Course Prefix
AGE

Course Number
299

Course Title
Independent Study Agriculture Science Equine

Degree Attributes
Tuition 2 (1T12)

Course Description
Supervised special project in this field of study. Approval of supervising Dean is required.

Credit Hours

Credit Hours

Min:
1

Max:
6

Credit Hours Operator:
TO

Lecture Hours

Min:
0

Lab Hours

Min:
0

AGS100 - Introductory Equine Science

Overview

Course Prefix
AGS

Course Number
100

Course Title
Introductory Equine Science

Degree Attributes
Tuition 2 (1T12)

Course Description
Introduction to horses as they relate to humans including history and development, adaptation, basic anatomy, types and classes, breeds, and horsemanship.

Credit Hours

Credit Hours

Min:
4

Lecture Hours

Min:
4

Lab Hours

Min:
0

AGS101 - Microcomputers in Agriculture

Overview

Course Prefix

AGS

Course Number

101

Course Title

Microcomputers in Agriculture

Degree Attributes

Tuition 2 (1T12)

Course Description

Use of Microsoft Word, Excel, and PowerPoint for documentation, accounting and presentations in the agriculture industry.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

2

Lab Hours

Min:

3

AGS102 - Agribusiness Management

Overview

Course Prefix

AGS

Course Number

102

Course Title

Agribusiness Management

Degree Attributes

Tuition 2 (1T12)

Course Description

Introduction to the latest functions of agribusiness including history, starting and running a business, small business plans, input and output sectors, daily financial operations, and basic economic principles. Emphasizes principles of agricultural economics, and economic activity and analysis.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

3

Lab Hours

Min:

0

AGS103 - Plant Biology

Overview

Course Prefix

AGS

Course Number

103

Course Title

Plant Biology

Degree Attributes

Physical & Biol Science (AGEC) (PBS), Scientific Lit (2021-99) (SLC), Tuition 2 (IT12)

Course Description

An introduction to the growth, development, reproduction, and structure of vascular plants. Fundamental activities of plants including photosynthesis and respiration. Emphasis on agricultural and horticultural crops of Arizona. This course is cross-listed with BIO 103. Prerequisite: Reading Proficiency.

Credit Hours

Credit Hours

Min:

4

Lecture Hours

Min:

3

Lab Hours

Min:

3

Requisites

Simple Requisites

Type

Prerequisite

Fulfill ALL of the following requirements:

Reading Proficiency

AGS105 - Soils

Overview

Course Prefix

AGS

Course Number

105

Course Title

Soils

Degree Attributes

Tuition 2 (IT12)

Course Description

Comprehensive overview of the types of soils commonly found in North America with special emphasis on Southwestern soils. Course investigates the origin, formation, physical and chemical properties of soils and emphasizes soil testing, fertilization, and modifications to soils commonly found in landscapes, gardens and turf.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

3

Lab Hours

Min:

0

AGS107 - Entomology

Overview

Course Prefix

AGS

Course Number

107

Course Title

Entomology

Degree Attributes

Tuition 2 (1T12)

Course Description

Fundamental approaches in the control of greenhouse pests. Categories of pests, management practices, herbicide use, alternative pest control techniques, safety, and integrated pest management.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

3

Lab Hours

Min:

0

AGS120 - Introduction to the Animal Industry

Overview

Course Prefix

AGS

Course Number

120

Course Title

Introduction to the Animal Industry

Degree Attributes

Tuition 2 (1T12)

Course Description

Classification of agricultural animals, the reproductive process, behavior, basic genetics, growth and development, basic nutrition, welfare and consumer concerns. Emphasis on beef, sheep, swine, poultry, horses, fish and alternative agricultural animals.

Credit Hours

Credit Hours

Min:

4

Lecture Hours

Min:

3

Lab Hours

Min:

3

AGS156 - Organic Home Gardening

Overview

Course Prefix

AGS

Course Number

156

Course Title

Organic Home Gardening

Degree Attributes

Tuition 2 (1T12)

Course Description

Introduction to organic gardening in Yavapai County. Includes basic plant selection, soils, nutrients, and practices consistent with organic production for the home and small hobby farm.

Credit Hours

Credit Hours

Min:

1

Lecture Hours

Min:

1

Lab Hours

Min:

0

AGS157 - Community Supported Agriculture

Overview

Course Prefix

AGS

Course Number

157

Course Title

Community Supported Agriculture

Degree Attributes

Tuition 2 (1T12)

Course Description

Production methods for scheduling crops for available space, seasonality, and customer need. Creation and implementation of plans for distribution and marketing sustainable, organic, and pesticide-free agriculture products.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

2

Lab Hours

Min:

3

AGS202 - Summer Horticulture

Overview

Course Prefix

AGS

Course Number

202

Course Title

Summer Horticulture

Degree Attributes

Tuition 2 (1T12)

Course Description

Implementation and maintenance of environmentally responsible crops in the food producing industry. Emphasis on market scheduling, soil preparation, hydroponics, sowing and irrigation techniques. Students develop and implement the crop production schedule.

Credit Hours**Credit Hours****Min:**

2

Lecture Hours**Min:**

1

Lab Hours**Min:**

2

AGS215 - Agricultural Mechanics

Overview

Course Prefix

AGS

Course Number

215

Course Title

Agricultural Mechanics

Degree Attributes

Tuition 2 (1T12)

Course Description

Principles and operative skills in agriscience technology, including troubleshooting, maintenance, and repair of common agriculture tools and equipment. Emphasis on welding, electricity, concrete and mortar, pumps, engines and motors, and basic construction practicing OSHA safety standards.

Credit Hours**Credit Hours****Min:**

3

Lecture Hours**Min:**

1.5

Lab Hours**Min:**

4.5

AGS250 - Horticulture Fall Production

Overview

Course Prefix

AGS

Course Number

250

Course Title

Horticulture Fall Production

Degree Attributes

Tuition 2 (1T12)

Course Description

Horticulture production activities involved with the growing of market crops. Emphasis on hydroponic, greenhouse and field grown orchard and row crops. Includes team work and hands on learning managing and producing in an extensive greenhouse, orchard, organic and research gardens and flower beds. State of the art computer controls system and cutting edge techniques used in the cultivation of food crops and ornamentals.

Credit Hours

Credit Hours

Min:

4

Lecture Hours

Min:

2

Lab Hours

Min:

6

AGS252 - Horticulture Spring Production

Overview

Course Prefix

AGS

Course Number

252

Course Title

Horticulture Spring Production

Degree Attributes

Tuition 2 (1T12)

Course Description

Horticulture production principles and activities involved in the growing of market crops in an extensive greenhouse and outdoor production areas. Special emphasis on final stage of production and care of production producing plants, and maintaining inventory for YC Agritopia Plant Sale. Includes management of the facility through hands on learning.

Credit Hours

Credit Hours

Min:

4

Lecture Hours

Min:

2

Lab Hours

Min:

6

AGS255 - Micro Propagation of Plant Tissue

Overview

Course Prefix

AGS

Course Number

255

Course Title

Micro Propagation of Plant Tissue

Degree Attributes

Tuition 2 (1T12)

Course Description

Plant tissue culture techniques for cloning plants in aseptic conditions.

Credit Hours

Credit Hours

Min:

2

Lecture Hours

Min:

1

Lab Hours

Min:

3

AGS261 - Aquaculture Science

Overview

Course Prefix

AGS

Course Number

261

Course Title

Aquaculture Science

Degree Attributes

Tuition 2 (1T12)

Course Description

Introduction to the aquaculture and fisheries industry and the related career opportunities. Basic fish culturing environments and species identification of fresh and saltwater fish. Fish biology, diseases, prevention and treatments. Includes fish feeds and feeding techniques.

Credit Hours

Credit Hours

Min:

4

Lecture Hours

Min:

3

Lab Hours

Min:

3

AGS264 - Aquaculture Management

Overview

Course Prefix

AGS

Course Number

264

Course Title

Aquaculture Management

Degree Attributes

Tuition 2 (1T12)

Course Description

Methodologies used in managing aquaculture systems. Including breeding and rearing procedures of common fin fish, saltwater fish and crustaceans. Field experience in maintaining a rearing facility and producing a food fish from incubation to stocker or market size.

Credit Hours

Credit Hours

Min:

4

Lecture Hours

Min:

3

Lab Hours

Min:

3

AGS274 - Water Management

Overview

Course Prefix

AGS

Course Number

274

Course Title

Water Management

Degree Attributes

Tuition 2 (1T12)

Course Description

Irrigation techniques for golf courses, greenhouses, aquaculture, and horse production including sizing pipes and fittings, backflow prevention, filtration, pumps, sprinklers, spraybooms, misters, and valves. Includes code requirements, blueprint reading, and bidding.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

2

Lab Hours

Min:

3

AGS280 - Zoo and Domestic Animal Care

Overview

Course Prefix

AGS

Course Number

280

Course Title

Zoo and Domestic Animal Care

Degree Attributes

Tuition 2 (1T12)

Course Description

Introduction to zoo and domestic animal care. Includes safety issues, zoo orientation, animal observation skills, sanitation, housing, feeding, capture and restraint equipment, animal transport, animal measurements, abnormal behavior and injuries.

Credit Hours

Credit Hours

Min:

4

Lecture Hours

Min:

3

Lab Hours

Min:

3

AGS282 - Zoo and Domestic Animal Behavior

Overview

Course Prefix

AGS

Course Number

282

Course Title

Zoo and Domestic Animal Behavior

Degree Attributes

Tuition 2 (1T12)

Course Description

Assessment of animal behavior in a variety of species including domestic and exotic animals. Includes internal and external factors influencing animal behavior, social organization, genetics, communication, conflict, mating systems, and biological rhythms.

Credit Hours

Credit Hours

Min:

4

Lecture Hours

Min:

3

Lab Hours

Min:

3

AGS296 - Internship: Agriculture

Overview

Course Prefix

AGS

Course Number

296

Course Title

Internship: Agriculture

Degree Attributes

Tuition 2 (1T12)

Course Description

Supervised field experience with businesses, corporations, government agencies, schools and community organizations to expand career interests and apply subject knowledge relevant to the workplace. Individualized internship placements to develop personal and professional skills, including professional ethics, leadership, and civic responsibility.

Prerequisite: Student must have a GPA of 2.0; have completed specific degree requirements as required by the program; and have completed the internship application process. [Repeatable for a total of 6 credit hours towards degree/certificate requirements.] S/U grading only.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

0

Lab Hours

Min:

0

Requisites

Simple Requisites

Type

Prerequisite

Fulfill ALL of the following requirements:

Student must have a GPA of 2.0; have completed specific degree requirements as required by the program; and have completed the internship application process.

AGS299 - Independent Study Agribusiness

Overview

Course Prefix

AGS

Course Number

299

Course Title

Independent Study Agribusiness

Degree Attributes

Tuition 2 (1T12)

Course Description

Supervised special project in this field of study. Approval of supervising Dean is required.

Credit Hours

Credit Hours

Min:

1

Max:

6

Credit Hours

Operator:

TO

Lecture Hours

Min:

0

Lab Hours

Min:

0

AHS100 - Fundamentals of Health Care

Overview

Course Prefix

AHS

Course Number

100

Course Title

Fundamentals of Health Care

Degree Attributes

Tuition 3 (1T13)

Course Description

Overview of current U. S. health care delivery systems and professions including behaviors for success, customer service, and quality improvement. Prerequisite: Reading Proficiency.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

3

Lab Hours

Min:

0

Requisites

Simple Requisites

Type

Prerequisite

Fulfill ALL of the following requirements:

Reading Proficiency

AHS105 - Phlebotomy

Overview

Course Prefix

AHS

Course Number

105

Course Title

Phlebotomy

Degree Attributes

Tuition 3 (1T13)

Course Description

Theory and practice of basic phlebotomy and specimen processing including laboratory tests, equipment, procedures, ethics, safety, legal issues and quality assurance. Prerequisite: Reading Proficiency.

Credit Hours

Credit Hours

Min:

2

Lecture Hours

Min:

1

Lab Hours

Min:

3

Requisites

Simple Requisites

Type

Prerequisite

Fulfill ALL of the following requirements:

Reading Proficiency

AHS114 - Nursing Assistant

Overview

Course Prefix
AHS

Course Number
114

Course Title
Nursing Assistant

Degree Attributes
Tuition 3 (1T13)

Course Description

Provides the necessary classroom preparation to learn the role of a nursing assistant. Basic nursing assistant skills and emergency procedures; patient or resident needs and rights; written and verbal communication; ethical and legal aspects; safety and infection control. Prerequisites: Reading Proficiency. MAT 082 or higher (or a satisfactory score on the mathematics skills assessment). Co-requisites: AHS 114L and AHS 114C.

Credit Hours

Credit Hours

Min:
4

Lecture Hours

Min:
4

Lab Hours

Min:
0

Requisites

Simple Requisites

Type
Prerequisite

Fulfill ALL of the following requirements:
Reading Proficiency. MAT082 Fundamentals Mathematics OR higher (OR a satisfactory score on the mathematics skills assessment).

Type
Corequisite

- Complete ALL of the following Courses:**
- AHS114L - Nursing Assistant Skills Lab
 - AHS114C - Nursing Assistant Clinical

AHS114C - Nursing Assistant Clinical

Overview

Course Prefix
AHS

Course Number
114C

Course Title
Nursing Assistant Clinical

Degree Attributes
Tuition 3 (1T13)

Course Description

Provides the necessary clinical time to develop competency in the role of a nursing assistant through the participation in the care of patients or residents. Basic nursing assistant skills and emergency procedures; patient or resident needs and rights; written and verbal communication; ethical and legal aspects; safety and infection control. All clinical hours are performed in external health care facilities. Prerequisites: Reading Proficiency. MAT 082 or higher (or a satisfactory score on the mathematics skills assessment). Co-requisites: AHS 114 and AHS 114L. S/U grading only.

Credit Hours

Credit Hours

Min:
1.5

Lecture Hours

Min:
0

Lab Hours

Min:
3

Requisites

Simple Requisites

Type
Prerequisite

Fulfill ALL of the following requirements:
Reading Proficiency. MAT082 Fundamentals Mathematics OR higher (OR a satisfactory score on the mathematics skills assessment).

Type
Corequisite

- Complete ALL of the following Courses:**
- AHS114 - Nursing Assistant
 - AHS114L - Nursing Assistant Skills Lab

AHS114L - Nursing Assistant Skills Lab

Overview

Course Prefix

AHS

Course Number

114L

Course Title

Nursing Assistant Skills Lab

Degree Attributes

Tuition 3 (1T13)

Course Description

Provides the necessary skills lab time to develop competency in the role of a nursing assistant through participation in skills practice in a classroom lab setting. Basic nursing assistant skills and emergency procedures; patient or resident needs and rights; written and verbal communication; ethical and legal aspects; safety and infection control. Prerequisites: Reading Proficiency. MAT 082 or higher (or a satisfactory score on the mathematics skills assessment). Co-requisites: AHS 114 and AHS 114C. S/U grading only.

Credit Hours

Credit Hours

Min:

0.5

Lecture Hours

Min:

0

Lab Hours

Min:

1.5

Requisites

Simple Requisites

Type

Prerequisite

Fulfill ALL of the following requirements:

Reading Proficiency. MAT082 Fundamentals Mathematics OR higher (OR a satisfactory score n the mathematics skills assessment).

Type

Corequisite

Complete ALL of the following Courses:

- AHS114 - Nursing Assistant
- AHS114C - Nursing Assistant Clinical

AHS120 - Medical Assistant Administrative Skills

Overview

Course Prefix

AHS

Course Number

120

Course Title

Medical Assistant Administrative Skills

Degree Attributes

Tuition 3 (1T13)

Course Description

Introduction to the role of the Medical Assistant. Preparation for work in a medical office including legal aspects, communication, customer service and records management. Prerequisite: AHS 130 and BIO 160. Reading Proficiency.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

2

Lab Hours

Min:

3

Requisites

Simple Requisites

Type

Prerequisite

Complete ALL of the following Courses:

- AHS130 - Medical Terminology for Patient Care Staff
- BIO160 - Introduction to Human Anatomy and Physiology

Reading Proficiency

AHS121 - Medical Assistant Clinical Skills

Overview

Course Prefix

AHS

Course Number

121

Course Title

Medical Assistant Clinical Skills

Degree Attributes

Tuition 3 (1T13)

Course Description

Medical Assistant clinical skills including assisting in patient examinations, diagnostic and surgical procedures, medication administration, and immunizations. Prerequisite: AHS 120 (may be taken concurrently), AHS 105 and AHS 240, Reading Proficiency.

Credit Hours

Credit Hours

Min:

4

Lecture Hours

Min:

3

Lab Hours

Min:

3

Requisites

Simple Requisites

Type

Prerequisite

Complete ALL of the following Courses:

- AHS105 - Phlebotomy
- AHS120 - Medical Assistant Administrative Skills
- AHS240 - Human Disease Process

Reading Proficiency.

AHS 120 may be taken concurrently.

AHS130 - Medical Terminology for Patient Care Staff

Overview

Course Prefix

AHS

Course Number

130

Course Title

Medical Terminology for Patient Care Staff

Degree Attributes

Tuition 3 (1T13)

Course Description

Medical terminology used in direct patient care, with special care populations and in special services. Building and analyzing terms using word parts. Body-systems approach to terms related to structure and function, pathologies, and diagnostic procedures. Spelling and pronunciation of terms, medical abbreviations and symbols. Prerequisite: Reading Proficiency.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

3

Lab Hours

Min:

0

Requisites

Simple Requisites

Type

Prerequisite

Fulfill ALL of the following requirements:

Reading Proficiency

AHS134 - Introduction to Health Information Management

Overview

Course Prefix

AHS

Course Number

134

Course Title

Introduction to Health Information Management

Degree Attributes

Tuition 3 (1T13)

Course Description

Introduction to the history, evolution and functions performed in the Health Information Management profession. Emphasis on health record content and use within and outside the Health Information Management (HIM) Department. Prerequisite: Reading Proficiency.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

3

Lab Hours

Min:

0

Requisites

Simple Requisites

Type

Prerequisite

Fulfill ALL of the following requirements:

Reading Proficiency

AHS140 - Pharmacology for Allied Health

Overview

Course Prefix

AHS

Course Number

140

Course Title

Pharmacology for Allied Health

Degree Attributes

Tuition 3 (1T13)

Course Description

Relationships among anatomy and physiology, disease states, and drugs affecting the endocrine, nervous, respiratory, visual, auditory, integumentary, gastrointestinal, urinary, cardiovascular, and reproductive systems. Overview of psychotropic agents, anti-infectives, analgesics, anti-inflammatories, federal drug laws, drug names and references, vitamins/minerals/herbs, and oncology agents. Prerequisites: AHS 130 and BIO 160. Reading Proficiency.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

3

Lab Hours

Min:

0

Requisites

Simple Requisites

Type

Prerequisite

Complete ALL of the following Courses:

- AHS130 - Medical Terminology for Patient Care Staff
- BIO160 - Introduction to Human Anatomy and Physiology

Reading Proficiency

AHS173 - Legal and Ethical Issues in Healthcare

Overview

Course Prefix

AHS

Course Number

173

Course Title

Legal and Ethical Issues in Healthcare

Degree Attributes

Tuition 3 (1T13)

Course Description

Application of general principles of law and ethics as related to health information management and patient record management in an electronic, hybrid or paper environment. Legal and ethical issues, legal terminology, records law, patient rights, privacy and security and regulations. Prerequisites: Reading Proficiency.

Credit Hours

Credit Hours

Min:

2

Lecture Hours

Min:

2

Lab Hours

Min:

0

Requisites

Simple Requisites

Type

Prerequisite

Fulfill ALL of the following requirements:

Reading Proficiency

AHS240 - Human Disease Process

Overview

Course Prefix

AHS

Course Number

240

Course Title

Human Disease Process

Degree Attributes

Tuition 3 (1T13)

Course Description

Examination of the most common diseases of each body system, with normal anatomy and physiology compared to pathologic anatomy and physiologic malfunctioning due to disease process. Diagnostic methods, etiology, management, treatment, modalities, pharmacology and prognosis are discussed. Prerequisite: BIO 160 (may be taken concurrently). Reading Proficiency.

Credit Hours

Credit Hours

Min:

4

Lecture Hours

Min:

4

Lab Hours

Min:

0

Requisites

Simple Requisites

Type

Prerequisite

Complete ALL of the following Courses:

- BIO160 - Introduction to Human Anatomy and Physiology

Reading Proficiency

AHS295 - AHS Practicum: Medical Assistant

Overview

Course Prefix

AHS

Course Number

295

Course Title

AHS Practicum: Medical Assistant

Degree Attributes

Tuition 3 (1T13)

Course Description

Entry-level Medical Assistant skills at a supervised host site. Application of cognitive, psychomotor, and affective skills necessary for performing administrative and technical functions in ambulatory healthcare settings including physician's offices, clinics, and urgent care settings. Prerequisites: AHS 121, AHS 140, AHS 173, and practicum application. Students must enroll in AHS 295 within 3 semesters of completing AHS 121 and receive program director permission prior to enrollment Minimum of 120 practicum hours required. S/U grading only.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

0

Lab Hours

Min:

0

Requisites

Simple Requisites

Type

Prerequisite

Complete ALL of the following Courses:

- AHS121 - Medical Assistant Clinical Skills
- AHS140 - Pharmacology for Allied Health
- AHS173 - Legal and Ethical Issues in Healthcare

AND practicum application.

Student must enroll in AHS 295 within 3 semesters of completing AHS 121 and receive program director permission prior to enrollment.

AHS296 - Internship: Allied Health Services

Overview

Course Prefix

AHS

Course Number

296

Course Title

Internship: Allied Health Services

Degree Attributes

Tuition 3 (1T13)

Course Description

Supervised field experience with businesses, corporations, government agencies, schools and community organizations to expand career interests and apply subject knowledge relevant to the workplace. Individualized internship placements to develop personal and professional skills, including professional ethics, leadership, and civic responsibility. Student must have a GPA of 2.0; have completed specific degree requirements as required by the program; and have completed the internship application process. [Repeatable for a total of 6 credit hours towards degree/certificate requirements.] S/U grading only.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

0

Lab Hours

Min:

0

Requisites

Simple Requisites

Type

Prerequisite

Fulfill ALL of the following requirements:

Must have a GPA of 2.0; have completed specific degree requirements as required by the program; and have completed the internship application process

AHS299 - Independent Study Allied Health Services

Overview

Course Prefix
AHS

Course Number
299

Course Title
Independent Study Allied Health Services

Degree Attributes
Tuition 3 (1T13)

Course Description
Supervised special project in this field of study. Approval of supervising Dean is required.

Credit Hours

Credit Hours

Min:
1

Max:
6

Credit Hours Operator:
TO

Lecture Hours

Min:
0

Lab Hours

Min:
0

AIM101 - Introduction to Generative AI

Overview

Course Prefix
AIM

Course Number
101

Course Title
Introduction to Generative AI

Degree Attributes
Tuition 2 (1T12)

Course Description

Introduces the fundamental principles, strategies, and practices necessary for working with and developing generative AI. Explores the evolution of generative models, their functions across various industries, and their real-world applications and societal impacts. Develops practical skills in prompt design, content creation, and model optimization while examining the ethical and regulatory dimensions of AI technologies.

Credit Hours

Credit Hours

Min:
3

Lecture Hours

Min:
2

Lab Hours

Min:
2

AIM104 - AI Ethics Foundation

Overview

Course Prefix

AIM

Course Number

104

Course Title

AI Ethics Foundation

Degree Attributes

Tuition 2 (1T12)

Course Description

Introduces some guiding principles of ethics for the application of Artificial Intelligence (AI) in a responsible manner. Different approaches for designing ethical AI and examining common ethical pitfalls. Explores different ethical frameworks which will help navigate the pitfalls of unethical uses of AI and evaluate the impact of unintended consequences of non-responsible use of AI.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

3

Lab Hours

Min:

0

AIM205 - Introduction to Machine Learning

Overview

Course Prefix

AIM

Course Number

205

Course Title

Introduction to Machine Learning

Degree Attributes

Tuition 2 (1T12)

Course Description

Introduction to machine learning concepts and Python applications, including data acquisition, supervised and unsupervised learning, and data modeling. Explores how Deep Learning extends the field of Machine Learning, applying key metrics such as accuracy, precision, and recall to evaluate model performance. Emphasis is placed on developing Python-based projects and visual dashboards using Tableau to interpret and communicate results. Practical applications of neural networks and exploring emerging trends shaping the future of machine learning. Prerequisites: CSC 105 and CSC 113

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

2

Lab Hours

Min:

2

Requisites

Simple Requisites

Type

Prerequisite

Complete ALL of the following Courses:

- CSC105 - Introduction to Programming
- CSC113 - Programming: Python

AIM221 - Computer Vision

Overview

Course Prefix

AIM

Course Number

221

Course Title

Computer Vision

Degree Attributes

Tuition 2 (1T12)

Course Description

Fundamental concepts in Computer Vision (CV) and image processing, including introduction to Python libraries such as OpenCV, OpenVINO, and Keras. Focus on knowledge and skills necessary to create a computer vision application using techniques like image preprocessing, feature extraction, object detection, and deep learning models. Explores transfer learning, generative models, and ethical considerations including bias, privacy, and fairness in visual AI systems. Prerequisites: CSC 105 and CSC 113

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

2

Lab Hours

Min:

2

Requisites

Simple Requisites

Type

Prerequisite

Complete ALL of the following Courses:

- CSC105 - Introduction to Programming
- CSC113 - Programming: Python

AIM232 - Natural Language Processing

Overview

Course Prefix

AIM

Course Number

232

Course Title

Natural Language Processing

Degree Attributes

Tuition 2 (1T12)

Course Description

Fundamental concepts in Natural Language Processing (NLP) and text processing. Focus on knowledge and skills necessary to create a language recognition application. Explores techniques such as tokenization, feature extraction, and text modeling using modern NLP frameworks. Practical applications including sentiment analysis, translation, and summarization, as well as ethical considerations like bias and fairness in language models. Prerequisites: CSC 105 and CSC 113

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

2

Lab Hours

Min:

2

Requisites

Simple Requisites

Type

Prerequisite

Complete ALL of the following Courses:

- CSC105 - Introduction to Programming
- CSC113 - Programming: Python

AIT105 - Modern Maintenance Operations

Overview

Course Prefix

AIT

Course Number

105

Course Title

Modern Maintenance Operations

Degree Attributes

Tuition 2 (1T12)

Course Description

Basic skills needed to work in industrial repair and maintenance shops, emphasizing safe and efficient use of tools, tool maintenance and maintenance documentation.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

2

Lab Hours

Min:

3

AIT110 - Mechanical Power Transmission Systems

Overview

Course Prefix

AIT

Course Number

110

Course Title

Mechanical Power Transmission Systems

Degree Attributes

Tuition 2 (1T12)

Course Description

Preventative maintenance, calibration, alignment, and troubleshooting of machinery components and mechanical power transmission systems.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

2

Lab Hours

Min:

3

AIT115 - Hydraulic Systems

Overview

Course Prefix

AIT

Course Number

115

Course Title

Hydraulic Systems

Degree Attributes

Tuition 2 (1T12)

Course Description

Introductory course in the principles of hydraulic system operation, component construction, maintenance, troubleshooting, and operation.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

2

Lab Hours

Min:

3

AIT120 - Pneumatic Systems

Overview

Course Prefix

AIT

Course Number

120

Course Title

Pneumatic Systems

Degree Attributes

Tuition 2 (1T12)

Course Description

Introductory course in the principles of pneumatic system operation, component construction, maintenance, troubleshooting, and operation.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

2

Lab Hours

Min:

3

AIT225 - Basic Industrial Motor Control

Overview

Course Prefix

AIT

Course Number

225

Course Title

Basic Industrial Motor Control

Degree Attributes

Tuition 2 (1T12)

Course Description

An introductory course in DC, single-phase AC, and 3-phase AC electric motors and motor control circuits. Includes motor control circuit components, motor control circuit applications, sequencing circuits, and timing circuits. Prerequisites: ELT 102, or ELT 126 (may be taken concurrently).

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

2

Lab Hours

Min:

3

Requisites

Simple Requisites

Type

Prerequisite

Complete ANY of the following Courses:

- ELT102 - Power Electronic Fundamentals
OR ELT126 - Solid State Devices

ELT 102 or 126 may be taken concurrently with AIT 225

AIT299 - Independent Study Automated Industrial Technology

Overview

Course Prefix

AIT

Course Number

299

Course Title

Independent Study Automated Industrial Technology

Degree Attributes

Tuition 2 (1T12)

Course Description

Supervised special project in this field of study. Approval of supervising Division Dean is required.

Credit Hours

Credit Hours

Min:

1

Max:

6

Credit Hours

Operator:

TO

Lecture Hours

Min:

0

Lab Hours

Min:

0

AJS101 - Introduction to Administration of Justice

Overview

Course Prefix

AJS

Course Number

101

Course Title

Introduction to Administration of Justice

Degree Attributes

SUN# AJS 1101 (Z067), Tuition 2 (1T12)

Course Description

Overview of the criminal justice system. Organization and jurisdiction of local, state, and federal law enforcement, judicial, and correctional systems. History and philosophy of each component of the criminal justice system and interrelations among the various agencies. Career opportunities and qualifying requirements.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

3

Lab Hours

Min:

0

AJS103 - Public Safety Report Writing

Overview

Course Prefix

AJS

Course Number

103

Course Title

Public Safety Report Writing

Degree Attributes

Tuition 2 (1T12)

Course Description

Introduction to effective report writing in a variety of public safety incident settings, including law enforcement, fire safety and emergency medical situations. Emphasis on clear and concise writing as well as the legal ramifications of public safety reports.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

3

Lab Hours

Min:

0

AJS106 - Public Safety Communications

Overview

Course Prefix

AJS

Course Number

106

Course Title

Public Safety Communications

Degree Attributes

Tuition 2 (1T12)

Course Description

Introduction to necessary skills and knowledge for public safety communications.
Prerequisite: Reading Proficiency.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

3

Lab Hours

Min:

0

Requisites

Simple Requisites

Type

Prerequisite

Fulfill ALL of the following requirements:

Reading Proficiency

AJS109 - Substantive Criminal Law

Overview

Course Prefix

AJS

Course Number

109

Course Title

Substantive Criminal Law

Degree Attributes

Tuition 2 (1T12)

Course Description

Nature, origins, purposes, structure and operation of the American criminal justice system. Constitutional limitations. Classification and basic elements of crimes. Common defenses to crimes. This course is cross-listed with LAW 109.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

3

Lab Hours

Min:

0

AJS123 - Ethics and Criminal Justice

Overview

Course Prefix

AJS

Course Number

123

Course Title

Ethics and Criminal Justice

Degree Attributes

Critical Thinking (2021-99) (CTC), Social & Behavioral Sciences (SBS), Tuition 2 (1T12)

Course Description

Ethical issues, cultural influences and moral theories as they relate to the justice system. Focus on underlying values and ethical challenges faced by law enforcement, attorneys, the judiciary and correctional staff. Specific ethical scenarios common to the criminal justice system will be addressed. Emphasis on critical thinking and value decision making. Prerequisite: Reading Proficiency.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

3

Lab Hours

Min:

0

Requisites

Simple Requisites

Type

Prerequisite

Fulfill ALL of the following requirements:

Reading Proficiency

AJS170 - Forensic Science

Overview

Course Prefix

AJS

Course Number

170

Course Title

Forensic Science

Degree Attributes

Tuition 2 (1T12)

Course Description

Characteristics and elements of forensic science and the processes of collecting, preserving and analyzing different types of physical evidence. Includes organization of a crime laboratory, crime scene processing and legal aspects.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

3

Lab Hours

Min:

0

AJS192 - Serial Killers and Mass Murderers

Overview

Course Prefix

AJS

Course Number

192

Course Title

Serial Killers and Mass Murderers

Degree Attributes

Tuition 2 (1T12)

Course Description

Motives, methods and states of mind of both serial killers and mass murderers. Includes profiling of these killers and their victims, as well as theories of causation.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

3

Lab Hours

Min:

0

AJS200 - Current Issues in Criminal Justice

Overview

Course Prefix

AJS

Course Number

200

Course Title

Current Issues in Criminal Justice

Degree Attributes

Tuition 2 (1T12)

Course Description

Current issues, trends, and techniques related to and affecting the criminal justice system.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

3

Lab Hours

Min:

0

AJS212 - Juvenile Justice Procedures

Overview

Course Prefix

AJS

Course Number

212

Course Title

Juvenile Justice Procedures

Degree Attributes

Tuition 2 (1T12)

Course Description

History and development of juvenile justice theories, procedures and institutions. This course is cross-listed with LAW 212.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

3

Lab Hours

Min:

0

AJS225 - Criminology

Overview

Course Prefix

AJS

Course Number

225

Course Title

Criminology

Degree Attributes

Tuition 2 (1T12)

Course Description

Theories of criminality and the economic, social and psychological impact of crime, victimization, and the relationships between statistics and crime trends. The study of deviance and society's role in defining behavior.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

3

Lab Hours

Min:

0

AJS226 - Victimology and Crisis Intervention

Overview

Course Prefix

AJS

Course Number

226

Course Title

Victimology and Crisis Intervention

Degree Attributes

Tuition 2 (1T12)

Course Description

The study of victims of crime, including reasons that some individuals are victimized and the legal protections afforded to victims. Includes crisis interventions by the criminal justice system to assist victims and their families.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

3

Lab Hours

Min:

0

AJS227 - Victim Advocacy

Overview

Course Prefix

AJS

Course Number

227

Course Title

Victim Advocacy

Degree Attributes

Tuition 2 (1T12)

Course Description

The study of victim advocacy as a career choice, with the duties, educational background, types of advocacy, and varied locations of service. Develop self-care management while serving others experiencing trauma from victimization. This course requires 30 face-to-face observation hours in a victim advocacy setting. Prerequisites: AJS 101 (may be taken concurrently)

Credit Hours

Credit Hours

Min:

4

Lecture Hours

Min:

3

Lab Hours

Min:

2

Requisites

Simple Requisites

Type

Prerequisite

Complete ALL of the following Courses:

- AJS101 - Introduction to Administration of Justice

Prerequisite course may be taken concurrently with AJS227.

AJS228 - Gender-Related Violence

Overview

Course Prefix

AJS

Course Number

228

Course Title

Gender-Related Violence

Degree Attributes

Tuition 2 (1T12)

Course Description

The study of the violent crimes of sexual assault and intimate partner violence and the unique aspects of traumatic behavior, evidence identification and collection, appropriate interviewing techniques, and differences in suspect's relationship to the victim.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

3

Lab Hours

Min:

0

AJS230 - The Police Function

Overview

Course Prefix

AJS

Course Number

230

Course Title

The Police Function

Degree Attributes

Tuition 2 (1T12)

Course Description

History and development, procedures and methods of operations of law enforcement agencies. Role of the individual law enforcement officer. Career opportunities and the hiring process.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

3

Lab Hours

Min:

0

AJS240 - The Correction Function

Overview

Course Prefix

AJS

Course Number

240

Course Title

The Correction Function

Degree Attributes

Tuition 2 (1T12)

Course Description

History and development of correctional theories, practices, and institutions. Modern ideologies and functions associated with both community-based and custodial corrections systems.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

3

Lab Hours

Min:

0

AJS252 - Homeland Security and Terrorism

Overview

Course Prefix

AJS

Course Number

252

Course Title

Homeland Security and Terrorism

Degree Attributes

Tuition 2 (1T12)

Course Description

Introduction to Homeland Security and homeland defense policies and strategies, with a focus on terrorism, immigration, and border security.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

3

Lab Hours

Min:

0

AJS260 - Procedural Criminal Law

Overview

Course Prefix

AJS

Course Number

260

Course Title

Procedural Criminal Law

Degree Attributes

Tuition 2 (1T12)

Course Description

Procedural criminal law. Emphasis on rationale underlying major court holdings, the resulting procedural requirements, and the effect on the daily operations of the criminal justice system. This course is cross-listed with LAW 260.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

3

Lab Hours

Min:

0

AJS270 - Community Relations

Overview

Course Prefix

AJS

Course Number

270

Course Title

Community Relations

Degree Attributes

Tuition 2 (1T12)

Course Description

Recognition and understanding of community problems; community action programs; methods of coping with crisis situations, victimology, ethnic and minority cultures, environments, crime prevention and police operations.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

3

Lab Hours

Min:

0

AJS275 - Criminal Investigations

Overview

Course Prefix

AJS

Course Number

275

Course Title

Criminal Investigations

Degree Attributes

Tuition 2 (1T12)

Course Description

Theories of criminal investigation. Includes basic investigative techniques of crime scene procedures, case preparation, and interview techniques.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

3

Lab Hours

Min:

0

AJS278 - Neuroscience and the Law

Overview

Course Prefix

AJS

Course Number

278

Course Title

Neuroscience and the Law

Degree Attributes

Tuition 2 (1T12)

Course Description

A multi-disciplinary look at how new discoveries in neuroscience and our understanding of the brain are having a direct impact on the criminal justice system.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

3

Lab Hours

Min:

0

AJS290 - Constitutional Law: Civil Liberties and Civil Rights

Overview

Course Prefix

AJS

Course Number

290

Course Title

Constitutional Law: Civil Liberties and Civil Rights

Degree Attributes

Tuition 2 (1T12), Institutions in the Americas (IA)

Course Description

Introduction to the United States and Arizona Constitutions from the integrated social science perspectives of history, geography, and government. The United States Constitution, including the Bill of Rights and the Fourteenth Amendment. Includes the impact of U. S. Supreme Court opinions and Arizona Supreme Court opinions on the history and development of civil liberties and civil rights, particularly as they pertain to the administration of justice and law enforcement. This course is cross-listed with LAW 290.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

3

Lab Hours

Min:

0

AJS294 - Detention Officer Training Academy

Overview

Course Prefix

AJS

Course Number

294

Course Title

Detention Officer Training Academy

Degree Attributes

Tuition 2 (1T12)

Course Description

The Detention Officer Training Academy is an introduction to correctional operations: ethics and professionalism, communication, custody and control, conflict and crisis management, problem solving, officer integrity, hostage survival, riot control measures, defensive tactics, CPR/AED for first responders, medical and mental health issues, and field experience. Prerequisite: Note: Students enrolling in AJS 294 must be screened and appointed by an Arizona Corrections Agency (i.e. Yavapai County Sheriff's Office).

Credit Hours

Credit Hours

Min:

16

Lecture Hours

Min:

10

Lab Hours

Min:

12

Requisites

Simple Requisites

Type

Prerequisite

Fulfill ALL of the following requirements:

Students enrolling in AJS 294 must be screened and appointed by an Arizona Corrections Agency (i.e. Yavapai County Sheriff's Office).

AJS295 - Police Training Academy

Overview

Course Prefix

AJS

Course Number

295

Course Title

Police Training Academy

Course Description

Study of the roles, responsibilities, and procedures of law enforcement officers. This course contains the Arizona Peace Officers Standards and Training curriculum required for peace officer certification. Prerequisite: Student must be appointed by an Arizona law enforcement agency.

Credit Hours

Credit Hours

Min:

42

Lecture Hours

Min:

26

Lab Hours

Min:

32

Requisites

Simple Requisites

Type

Prerequisite

Fulfill ALL of the following requirements:

Student must be appointed by an Arizona law enforcement agency.

AJS296 - Internship: Administration of Justice

Overview

Course Prefix

AJS

Course Number

296

Course Title

Internship: Administration of Justice

Degree Attributes

Tuition 2 (IT12)

Course Description

Supervised field experience with businesses, corporations, government agencies, schools and community organizations to expand career interests and apply subject knowledge relevant to the workplace. Individualized internship placements to develop personal and professional skills, including professional ethics, leadership, and civic responsibility.

Prerequisite: Student must have a GPA of 2.0; have completed specific degree requirements as required by the program; and have completed the internship application process. [Repeatable for a total of 6 credit hours towards degree/certificate requirements.] S/U grading only.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

0

Lab Hours

Min:

0

Requisites

Simple Requisites

Type

Prerequisite

Fulfill ALL of the following requirements:

Student must have a GPA of 2.0; have completed specific degree requirements as required by the program; and have completed the internship application process.

AJS298 - Special Justice Topics:

Overview

Course Prefix

AJS

Course Number

298

Course Title

Special Justice Topics:

Degree Attributes

Tuition 2 (1T12)

Course Description

Introduction to a special justice topic with great relevance to the field.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

3

Lab Hours

Min:

0

AJS299 - Independent Study Administration of Justice

Overview

Course Prefix

AJS

Course Number

299

Course Title

Independent Study Administration of Justice

Degree Attributes

Tuition 2 (1T12)

Course Description

Supervised special project in this field of study. Approval of supervising Dean is required.

Credit Hours

Credit Hours

Min:

1

Max:

6

Credit Hours

Operator:

TO

Lecture Hours

Min:

0

Lab Hours

Min:

0

ANT101 - Stones, Bones and Human Origins

Overview

Course Prefix

ANT

Course Number

101

Course Title

Stones, Bones and Human Origins

Degree Attributes

Social & Behavioral Sciences (SBS), Social Science (2009-2019) (SOCL), Written Comm (2021-99) (WCC)

Course Description

Introduction to physical anthropology. Emphasis on population genetics, primate evolution and behavior, and fossil man.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

3

Lab Hours

Min:

0

ANT102 - Introduction to Cultural Anthropology

Overview

Course Prefix

ANT

Course Number

102

Course Title

Introduction to Cultural Anthropology

Degree Attributes

Critical Thinking (2021-99) (CTC), Diversity (2021-99) (DIVC), Ethnic, Race & Gender (ERG), Global/Internl or Historical (GIH), Social & Behavioral Sciences (SBS), Social Science (2009-2019) (SOCL)

Course Description

Survey of anthropological principles with emphasis on concept of culture and nature of man as a social animal.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

3

Lab Hours

Min:

0

ANT104 - Buried Cities and Lost Tribes

Overview

Course Prefix

ANT

Course Number

104

Course Title

Buried Cities and Lost Tribes

Degree Attributes

Diversity (2021-99) (DIVC), Global/Internl or Historical (GIH), Social & Behavioral Sciences (SBS), Social Science (2009-2019) (SOCL)

Course Description

Introduction to the portion of human history that extends back 2.5 million years before the time of written records and archives. Emphasis on study of the world prehistory of humankind from a global perspective.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

3

Lab Hours

Min:

0

ANT214 - Magic, Witchcraft and Healing: the Supernatural in Cross-Cultural Perspective

Overview

Course Prefix

ANT

Course Number

214

Course Title

Magic, Witchcraft and Healing: the Supernatural in Cross-Cultural Perspective

Degree Attributes

Diversity (2021-99) (DIVC), Global/Internl or Historical (GIH), Social & Behavioral Sciences (SBS), Social Science (2009-2019) (SOCL)

Course Description

Origins, elements, and forms of religion; a comparative survey of religious beliefs, myths, rituals and symbolism including magic, witchcraft and healing as practiced in selected regions of the world; the place of religion in the total culture.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

3

Lab Hours

Min:

0

ANT230 - Principles of Archaeology

Overview

Course Prefix

ANT

Course Number

230

Course Title

Principles of Archaeology

Course Description

Introduction to methods, theory, and techniques used in archaeology. The scope of human prehistory from the earliest human cultures to the rise of complex civilizations.

Prerequisite: ENG 101 or ENG 101A or ENG 101H.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

3

Lab Hours

Min:

0

Requisites

Simple Requisites

Type

Prerequisite

Complete ALL of the following Courses:

- ENG101 - College Composition I
OR ENG101A - College Composition I with Writing Skills Review
OR ENG101H - College Composition I Honors

ANT231 - Southwestern Archaeology

Overview

Course Prefix

ANT

Course Number

231

Course Title

Southwestern Archaeology

Degree Attributes

Social & Behavioral Sciences (SBS), Social Science (2009-2019) (SOCL), Written Comm (2021-99) (WCC)

Course Description

Survey of man's prehistory in the southwestern United States beginning with the earliest evidence of man in the Southwest and concluding with the period just before Spanish contact.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

3

Lab Hours

Min:

0

ANT232 - Indians of the Southwest

Overview

Course Prefix

ANT

Course Number

232

Course Title

Indians of the Southwest

Degree Attributes

Diversity (2021-99) (DIVC), Ethnic, Race & Gender (ERG), Social & Behavioral Sciences (SBS), Social Science (2009-2019) (SOCL)

Course Description

Survey of major Indian groups of the southwestern United States: Pueblo, Navajo, Apache, Papago, Pima, River Yuman and Mountain Yuman (Yavapai, Hualapai, Havasupai). Emphasis on historical factors that have led to culture change. Development of these groups from Spanish contact to present.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

3

Lab Hours

Min:

0

ANT296 - Internship: Anthropology

Overview

Course Prefix

ANT

Course Number

296

Course Title

Internship: Anthropology

Course Description

Supervised field experience with businesses, corporations, government agencies, schools and community organizations to expand career interests and apply subject knowledge relevant to the workplace. Individualized internship placements to develop personal and professional skills, including professional ethics, leadership, and civic responsibility. Prerequisite: Student must have a GPA of 2.0; have completed specific degree requirements as required by the program; and have completed the internship application process. [Repeatable for a total of 6 credit hours towards degree/certificate requirements.] S/U grading only.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

0

Lab Hours

Min:

0

Requisites

Simple Requisites

Type

Prerequisite

Fulfill ALL of the following requirements:

Student must have a GPA of 2.0; have completed specific degree requirements as required by the program; and have completed the internship application process

ANT299 - Independent Study Anthropology

Overview

Course Prefix

ANT

Course Number

299

Course Title

Independent Study Anthropology

Course Description

Supervised special project in this field of study. Approval of supervising Dean is required.

Credit Hours

Credit Hours

Min:

1

Max:

6

Credit Hours

Operator:

TO

Lecture Hours

Min:

0

Lab Hours

Min:

0

ART100 - Art Appreciation

Overview

Course Prefix

ART

Course Number

100

Course Title

Art Appreciation

Degree Attributes

Arts & Humanities (AH) (AH), Diversity (2021-99) (DIVC), Tuition 2 (1T12)

Course Description

Explores creativity as a fundamental human characteristic with diverse expressions across culture, geography, and time. Visual literacy and critical analysis skills will be developed to understand how global artistic and material culture reflects the intersection of historical and contemporary concepts with social issues and identities. The appreciation of art in this way will help the student better find their place in the world – as an individual and as a member of wider communities. Prerequisite: Reading Proficiency.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

3

Lab Hours

Min:

0

Requisites

Simple Requisites

Type

Prerequisite

Fulfill ALL of the following requirements:

Reading Proficiency

ART110 - Drawing I

Overview

Course Prefix

ART

Course Number

110

Course Title

Drawing I

Degree Attributes

SUN# ART 1111 (Z003), Tuition 2 (1T12)

Course Description

Perspective and visual perception studied as related to developing artistic visual growth in perceiving our environment. Emphasis on analysis of objects and their compositional placement within pictorial construction. Application of design principles.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

1

Lab Hours

Min:

6

ART111 - Drawing II

Overview

Course Prefix

ART

Course Number

111

Course Title

Drawing II

Degree Attributes

SUN# ART 1111 (Z003), Tuition 2 (1T12)

Course Description

Development of technical and perceptual skills. Emphasis on composition as developed by shape, form, color and the special dynamics of plastic space. Application of design principles. Prerequisite: ART 110.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

1

Lab Hours

Min:

6

Requisites

Simple Requisites**Type**

Prerequisite

Complete ALL of the following Courses:

- ART110 - Drawing I

ART112 - Two-Dimensional Design

Overview

Course Prefix

ART

Course Number

112

Course Title

Two-Dimensional Design

Degree Attributes

Arts & Humanities (AH) (AH), Critical Thinking (2021-99) (CTC), SUN# ART 1112 (Z053), Tuition 2 (1T12)

Course Description

Introduction to visual language utilized in all areas of art. Basic compositional principles and elements of two-dimensional design practiced through assigned projects. Various media explored. Application of design principles. Prerequisite: Reading Proficiency.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

1

Lab Hours

Min:

6

Requisites

Simple Requisites

Type

Prerequisite

Fulfill ALL of the following requirements:

Reading Proficiency.

ART113 - Three-Dimensional Design

Overview

Course Prefix

ART

Course Number

113

Course Title

Three-Dimensional Design

Degree Attributes

Arts & Humanities (AH) (AH), Critical Thinking (2021-99) (CTC), SUN# ART 1115 (Z061), Tuition 2 (1T12)

Course Description

Study of design principles with emphasis on three-dimensional aesthetics. Planning of sculptural, utilitarian, and environmental objects. Application of design principles. Prerequisite: Reading Proficiency.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

1

Lab Hours

Min:

6

Requisites

Simple Requisites

Type

Prerequisite

Fulfill ALL of the following requirements:

Reading Proficiency.

ART114 - Color

Overview

Course Prefix

ART

Course Number

114

Course Title

Color

Degree Attributes

Tuition 2 (1T12)

Course Description

Principles of color theory related to the visual arts. Includes variety of media. Application of design principles.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

1

Lab Hours

Min:

6

ART117 - Four-Dimensional Design

Overview

Course Prefix

ART

Course Number

117

Course Title

Four-Dimensional Design

Degree Attributes

Arts & Humanities (AH) (AH), Tuition 2 (1T12)

Course Description

Introduction to the breadth of New Media art practices. This includes discussing duration, tempo, intensity, scope, setting, and chronology as the six major elements of time design.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

2

Lab Hours

Min:

4

ART120 - Ceramics I

Overview

Course Prefix

ART

Course Number

120

Course Title

Ceramics I

Degree Attributes

Tuition 2 (1T12)

Course Description

Introduction to ceramics hand building techniques. Includes primary use of glazes, glaze applications, kiln firing processes and kiln atmosphere. Application of design principles.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

1

Lab Hours

Min:

5

ART121 - Ceramics II

Overview

Course Prefix

ART

Course Number

121

Course Title

Ceramics II

Degree Attributes

Tuition 2 (1T12)

Course Description

Concentration on use of the potter's wheel and other clay-building methods, further development of glazing and firing. Application of design principles. Prerequisite: ART 120.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

1

Lab Hours

Min:

5

Requisites**Simple Requisites****Type**

Prerequisite

Complete ALL of the following Courses:

- ART120 - Ceramics I

ART129 - Digital Drawing and Painting

Overview

Course Prefix

ART

Course Number

129

Course Title

Digital Drawing and Painting

Degree Attributes

Tuition 2 (1T12)

Course Description

Translate traditional drawing and painting techniques using digital tools on the computer with pressure-sensitive electronic pen tablets, stylus, and software to create digital art that implements various traditional mediums. Concept and personal style development will be emphasized. Prerequisite: ART 110 or ART 112.

Credit Hours**Credit Hours****Min:**

3

Lecture Hours**Min:**

1

Lab Hours**Min:**

5

Requisites**Simple Requisites****Type**

Prerequisite

Complete ALL of the following Courses:

- ART110 - Drawing I
OR ART112 - Two-Dimensional Design

ART137 - Adobe Photoshop I

Overview

Course Prefix

ART

Course Number

137

Course Title

Adobe Photoshop I

Degree Attributes

Tuition 2 (1T12)

Course Description

Digital image fundamentals. Technical and creative use of Adobe® Photoshop® image manipulation software. Use of peripheral commercial hardware and software for image capture. Application of design principles.

Credit Hours**Credit Hours****Min:**

3

Lecture Hours**Min:**

2

Lab Hours**Min:**

3

ART139 - Fundamentals of Video Editing

Overview

Course Prefix

ART

Course Number

139

Course Title

Fundamentals of Video Editing

Degree Attributes

Tuition 2 (1T12)

Course Description

Basic techniques of capturing, editing, and distributing video content. Hands-on application of techniques for digital video; editing vocabulary; and sharing digital video. This course is cross-listed with FMA 139.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

2

Lab Hours

Min:

3

ART140 - Jewelry I

Overview

Course Prefix

ART

Course Number

140

Course Title

Jewelry I

Degree Attributes

Tuition 2 (1T12)

Course Description

Introduction to jewelry fabrication techniques for non-ferrous metals and associated materials. Application of design principles.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

1

Lab Hours

Min:

5

ART141 - Jewelry II

Overview

Course Prefix

ART

Course Number

141

Course Title

Jewelry II

Degree Attributes

Tuition 2 (1T12)

Course Description

Advanced jewelry techniques, surface embellishment, casting, fabrication, forging, and joining non-ferrous metals. Application of design principles. Prerequisite: ART 140.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

1

Lab Hours

Min:

5

Requisites**Simple Requisites****Type**

Prerequisite

Complete ALL of the following Courses:

- ART140 - Jewelry I

ART142 - Lapidary I

Overview

Course Prefix

ART

Course Number

142

Course Title

Lapidary I

Degree Attributes

Tuition 2 (1T12)

Course Description

Introduction to the tools, machinery and processes of the lapidary arts. Orientation to various geological source materials. Application of design principles.

Credit Hours

Credit Hours

Min:

2

Lecture Hours

Min:

1

Lab Hours

Min:

2

ART144 - Furniture and Woodworking I

Overview

Course Prefix

ART

Course Number

144

Course Title

Furniture and Woodworking I

Degree Attributes

Tuition 2 (1T12)

Course Description

Introduction to furniture design, joinery, machining, hand skills, assembly and finishing techniques. Application of design principles.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

1

Lab Hours

Min:

5

ART145 - Furniture and Woodworking II

Overview

Course Prefix

ART

Course Number

145

Course Title

Furniture and Woodworking II

Degree Attributes

Tuition 2 (1T12)

Course Description

Advanced furniture design, joinery, jig building, and woodworking techniques. Application of design principles. Prerequisite: ART 144.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

1

Lab Hours

Min:

5

Requisites

Simple Requisites

Type

Prerequisite

Complete ALL of the following Courses:

- ART144 - Furniture and Woodworking I

ART147 - Wood Turning I

Overview

Course Prefix

ART

Course Number

147

Course Title

Wood Turning I

Degree Attributes

Tuition 2 (1T12)

Course Description

Study of theory and design of wood lathe-turned objects. Includes wood-turning techniques, use of wood lathe and associated tooling. Application of design principles.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

1

Lab Hours

Min:

5

ART160 - Printmaking I

Overview

Course Prefix

ART

Course Number

160

Course Title

Printmaking I

Degree Attributes

Tuition 2 (1T12)

Course Description

Introduction to printmaking techniques including monoprint, collograph, relief and elementary intaglio printing. Exploration of different methods of inking, registration, hand and press techniques. Application of design principles.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

1

Lab Hours

Min:

5

ART180 - Sculpture I

Overview

Course Prefix

ART

Course Number

180

Course Title

Sculpture I

Degree Attributes

Tuition 2 (1T12)

Course Description

Introductory exploration of sculpture through fabrication, casting and carving for creative problem solving. Emphasis on sculpture history and modes of criticism. Application of design principles.

Credit Hours**Credit Hours****Min:**

3

Lecture Hours**Min:**

1

Lab Hours**Min:**

5

ART181 - Sculpture II

Overview

Course Prefix

ART

Course Number

181

Course Title

Sculpture II

Degree Attributes

Tuition 2 (1T12)

Course Description

Continued Study of Sculpture process through carving, fabrication and casting, to develop personal approaches to dimensional composition. Emphasis on sculpture history and modes of criticism. Prerequisite: ART 180

Credit Hours**Credit Hours****Min:**

3

Lecture Hours**Min:**

1

Lab Hours**Min:**

5

Requisites

Simple Requisites**Type**

Prerequisite

Complete ALL of the following Courses:

- ART180 - Sculpture I

ART182 - Welded Metal Sculpture I

Overview

Course Prefix

ART

Course Number

182

Course Title

Welded Metal Sculpture I

Degree Attributes

Tuition 2 (1T12)

Course Description

Exploration of sculpture using Oxyacetylene torches. Emphasis on welding, cutting, and shaping metal to explore sculptural forms. No prior welding experience is necessary. Application of design principles.

Credit Hours**Credit Hours****Min:**

3

Lecture Hours**Min:**

1

Lab Hours**Min:**

5

ART183 - Welded Metal Sculpture II

Overview

Course Prefix

ART

Course Number

183

Course Title

Welded Metal Sculpture II

Degree Attributes

Tuition 2 (1T12)

Course Description

Exploration of sculpture using Oxyacetylene torches and GMAW (wire) arc welding processes. Assignments expand personal imagery in metal sculpture. Application of design principles. Prerequisite: ART 182.

Credit Hours**Credit Hours****Min:**

3

Lecture Hours**Min:**

1

Lab Hours**Min:**

5

Requisites

Simple Requisites

Type

Prerequisite

Complete ALL of the following Courses:

- ART182 - Welded Metal Sculpture I

ART190 - Oil/Acrylic Painting I

Overview

Course Prefix

ART

Course Number

190

Course Title

Oil/Acrylic Painting I

Degree Attributes

Tuition 2 (1T12)

Course Description

Study and experimentation in painting techniques employed by modern and old masters. Emphasis on personal creativity and uniqueness of expression. Application of design principles. Prerequisite: ART 110.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

1

Lab Hours

Min:

5

Requisites

Simple Requisites

Type

Prerequisite

Complete ALL of the following Courses:

- ART110 - Drawing I

ART191 - Oil/Acrylic Painting II

Overview

Course Prefix

ART

Course Number

191

Course Title

Oil/Acrylic Painting II

Degree Attributes

Tuition 2 (1T12)

Course Description

Development of personal expression through study of different techniques of painting. Application of design principles. Prerequisite: ART 190.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

1

Lab Hours

Min:

5

Requisites

Simple Requisites

Type

Prerequisite

Complete ALL of the following Courses:

- ART190 - Oil/Acrylic Painting I

ART194 - Watercolor I

Overview

Course Prefix

ART

Course Number

194

Course Title

Watercolor I

Degree Attributes

Tuition 2 (1T12)

Course Description

Exploration of transparent qualities of watercolor medium. Techniques and materials used to stimulate personal creativity and uniqueness of expression. Application of design principles. Prerequisite: ART 110.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

1

Lab Hours

Min:

5

Requisites

Simple Requisites

Type

Prerequisite

Complete ALL of the following Courses:

- ART110 - Drawing I

ART195 - Watercolor II

Overview

Course Prefix

ART

Course Number

195

Course Title

Watercolor II

Degree Attributes

Tuition 2 (1T12)

Course Description

Independent development using the watercolor medium. Study of varied techniques will be utilized to meet individual needs. Application of design principles. Prerequisite: ART 194.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

1

Lab Hours

Min:

5

Requisites

Simple Requisites

Type

Prerequisite

Complete ALL of the following Courses:

- ART194 - Watercolor I

ART196 - Portraiture I

Overview

Course Prefix

ART

Course Number

196

Course Title

Portraiture I

Degree Attributes

Tuition 2 (1T12)

Course Description

Emphasis on portraiture techniques for individuals proficient in a specific medium. Application of design principles. Prerequisite: ART 110 and ART 190.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

1

Lab Hours

Min:

5

Requisites

Simple Requisites

Type

Prerequisite

Complete ALL of the following Courses:

- ART110 - Drawing I
- ART190 - Oil/Acrylic Painting I

ART197 - Portraiture II

Overview

Course Prefix

ART

Course Number

197

Course Title

Portraiture II

Degree Attributes

Tuition 2 (1T12)

Course Description

Advanced study of portraiture personalizing techniques and palettes. Emphasis on capturing the subject's personality. Application of design principles. Prerequisite: ART196

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

1

Lab Hours

Min:

5

Requisites

Simple Requisites

Type

Prerequisite

Complete ALL of the following Courses:

- ART196 - Portraiture I

ART198 - Art Topics:

Overview

Course Prefix

ART

Course Number

198

Course Title

Art Topics:

Degree Attributes

Tuition 2 (1T12)

Course Description

Exploration of art media. [Repeatable for a total of 2 credit hours towards degree/certificate requirements.].

Credit Hours

Credit Hours

Min:

1

Lecture Hours

Min:

1

Lab Hours

Min:

0

ART200 - Art History: Paleolithic Period through the Late Middle Ages

Overview

Course Prefix

ART

Course Number

200

Course Title

Art History: Paleolithic Period through the Late Middle Ages

Degree Attributes

Arts & Humanities (AH) (AH), Diversity (2021-99) (DIVC), SUN# ART 1101 (Z004), Written Comm (2021-99) (WCC), Tuition 2 (1T12)

Course Description

Western art from the Paleolithic Period to the Fourteenth Century. Two and three dimensional art and architecture evaluated in historical and cultural context. Application of design principles. Prerequisites: ENG 101 or ENG 101A or ENG 101H.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

3

Lab Hours

Min:

0

Requisites

Simple Requisites

Type

Prerequisite

Complete ALL of the following Courses:

- ENG101 - College Composition I
 - OR ENG101A - College Composition I with Writing Skills Review
 - OR ENG101H - College Composition I Honors

ART201 - Art History: Pre-Renaissance through the 21st Century

Overview

Course Prefix

ART

Course Number

201

Course Title

Art History: Pre-Renaissance through the 21st Century

Degree Attributes

Arts & Humanities (AH) (AH), Diversity (2021-99) (DIVC), SUN# ART 1102 (Z005), Written Comm (2021-99) (WCC), Tuition 2 (1T12)

Course Description

Western art from the fourteenth to the twentieth Century. Two- and three- dimensional art and architecture are evaluated in historical and cultural context. Application of design principles. Prerequisite: ENG 101 or ENG 101A or ENG 101H.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

3

Lab Hours

Min:

0

Requisites

Simple Requisites

Type

Prerequisite

Complete ALL of the following Courses:

- ENG101 - College Composition I
OR ENG101A - College Composition I with Writing Skills Review
OR ENG101H - College Composition I Honors

ART201H - Art History: Pre-Renaissance through the 21st Century Honors

Overview

Course Prefix

ART

Course Number

201H

Course Title

Art History: Pre-Renaissance through the 21st Century Honors

Degree Attributes

Arts & Humanities (AH) (AH), Written Comm (2021-99) (WCC), Tuition 2 (1T12)

Course Description

Western art from the fourteenth to the twentieth Century. Two- and three- dimensional art and architecture are evaluated in historical and cultural context. Application of design principles. Prerequisite: ENG 101 or ENG 101A or ENG 101H. Acceptance into Honors Program.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

3

Lab Hours

Min:

0

Requisites

Simple Requisites

Type

Prerequisite

Complete ANY of the following Courses:

- ENG101 - College Composition I
OR ENG101A - College Composition I with Writing Skills Review
OR ENG101H - College Composition I Honors

Acceptance into the Honors Program.

ART210 - Life Drawing I

Overview

Course Prefix

ART

Course Number

210

Course Title

Life Drawing I

Degree Attributes

Tuition 2 (1T12)

Course Description

Developing skills and expressiveness in drawing a basic form, construction and gesture of the human figure. Application of design principles. Prerequisite: ART 110.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

1

Lab Hours

Min:

5

Requisites

Simple Requisites

Type

Prerequisite

Complete ALL of the following Courses:

- ART110 - Drawing I

ART211 - Life Drawing II

Overview

Course Prefix

ART

Course Number

211

Course Title

Life Drawing II

Degree Attributes

Tuition 2 (1T12)

Course Description

Emphasis on drawing forms. Personal growth and individual techniques developed through projects emphasizing various media and techniques in drawing history. Application of design principles. Prerequisite: ART 210.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

1

Lab Hours

Min:

5

Requisites

Simple Requisites

Type

Prerequisite

Complete ALL of the following Courses:

- ART210 - Life Drawing I

ART212 - Life Painting

Overview

Course Prefix

ART

Course Number

212

Course Title

Life Painting

Degree Attributes

Tuition 2 (1T12)

Course Description

Techniques of figure painting with an emphasis on the form, construction and gesture of the figure. Application of design principles. Prerequisite: ART 110 and ART 190.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

1

Lab Hours

Min:

5

Requisites

Simple Requisites

Type

Prerequisite

Complete ALL of the following Courses:

- ART110 - Drawing I
- ART190 - Oil/Acrylic Painting I

ART214 - Digital Illustration

Overview

Course Prefix

ART

Course Number

214

Course Title

Digital Illustration

Degree Attributes

Tuition 2 (1T12)

Course Description

Contemporary styles in vector graphics and digital drawing. Skill development in emblem, character, and information graphics design using industry standard software. Application of design principles. Prerequisites: (DES 100 or ART 137) and (ART 110 or ART 112)

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

1

Lab Hours

Min:

6

Requisites

Simple Requisites

Prerequisite

Type

Prerequisite

Complete ALL of the following Courses:

- DES100 - Digital Design Studio
OR ART137 - Adobe Photoshop I
- ART110 - Drawing I
OR ART112 - Two-Dimensional Design

ART222 - Advanced Projects: Ceramics

Overview

Course Prefix

ART

Course Number

222

Course Title

Advanced Projects: Ceramics

Degree Attributes

Tuition 2 (1T12)

Course Description

Advanced study of clay building methods, glazing and firing techniques with emphasis on design and honing personal aesthetic. Prerequisite: ART 121.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

1

Lab Hours

Min:

5

Requisites

Simple Requisites

Type

Prerequisite

Complete ALL of the following Courses:

- ART121 - Ceramics II

ART232 - Portfolio Development

Overview

Course Prefix

ART

Course Number

232

Course Title

Portfolio Development

Degree Attributes

Tuition 2 (1T12)

Course Description

Develop digital graphic design and fine arts portfolios. Create resume and other career search materials. Exhibition skills. Apply design principles. Completed body of art work needed for class. Prerequisite: ART 112 and ART 137 or Instructor Permission.

Credit Hours

Credit Hours

Min:

2

Lecture Hours

Min:

1

Lab Hours

Min:

3

Requisites

Simple Requisites

Type

Prerequisite

Complete ALL of the following Courses:

- ART112 - Two-Dimensional Design
OR ART137 - Adobe Photoshop I

OR Instructor Permission.

ART242 - Lapidary II

Overview

Course Prefix

ART

Course Number

242

Course Title

Lapidary II

Degree Attributes

Tuition 2 (1T12)

Course Description

Advanced techniques using specialized lapidary tools to create cabochons from rare materials. Application of design principles. Prerequisite: ART 142.

Credit Hours

Credit Hours

Min:

2

Lecture Hours

Min:

1

Lab Hours

Min:

2

Requisites

Simple Requisites

Type

Prerequisite

Complete ALL of the following Courses:

- ART142 - Lapidary I

ART245 - Advanced Projects in Jewelry

Overview

Course Prefix

ART

Course Number

245

Course Title

Advanced Projects in Jewelry

Degree Attributes

Tuition 2 (1T12)

Course Description

Advanced individual projects in jewelry and metalsmithing. Includes review of processes, tools, and materials. Application of design principles. [Repeatable for a total of 6 credit hours towards degree/certificate requirements.]. Prerequisites: ART 140 and ART 141.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

1

Lab Hours

Min:

5

Requisites

Simple Requisites

Type

Prerequisite

Complete ALL of the following Courses:

- ART140 - Jewelry I
- ART141 - Jewelry II

ART247 - Wood Turning II

Overview

Course Prefix

ART

Course Number

247

Course Title

Wood Turning II

Degree Attributes

Tuition 2 (1T12)

Course Description

Use of the wood lathes for creative expression. Contemporary tools and techniques used on and off the lathes to create artistic woodturnings. Application of design principles.

Prerequisite: ART 147.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

1

Lab Hours

Min:

5

Requisites

Simple Requisites

Type

Prerequisite

Complete ALL of the following Courses:

- ART147 - Wood Turning I

ART248 - Advanced Projects in Wood

Overview

Course Prefix

ART

Course Number

248

Course Title

Advanced Projects in Wood

Degree Attributes

Tuition 2 (1T12)

Course Description

Designing, fabricating functional pieces and/or making sculpture to explore the potentials of the medium. Projects are to be a unified series. Application of design principles.

[Repeatable for a total of 6 credit hours towards degree/certificate requirements.].

Prerequisite: ART 145.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

1

Lab Hours

Min:

5

Requisites

Simple Requisites

Type

Prerequisite

Complete ALL of the following Courses:

- ART145 - Furniture and Woodworking II

ART249 - Advanced Projects in Wood Turning

Overview

Course Prefix

ART

Course Number

249

Course Title

Advanced Projects in Wood Turning

Degree Attributes

Tuition 2 (1T12)

Course Description

Emphasis on design and varied techniques to explore the potentials of three-dimensional form. Projects are to be a unified series working toward portfolio development.

Application of design principles. [Repeatable for a total of 6 credit hours towards degree/certificate requirements.]. Prerequisite: ART 247.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

1

Lab Hours

Min:

5

Requisites

Simple Requisites

Type

Prerequisite

Complete ALL of the following Courses:

- ART247 - Wood Turning II

ART260 - Printmaking II

Overview

Course Prefix

ART

Course Number

260

Course Title

Printmaking II

Degree Attributes

Tuition 2 (1T12)

Course Description

Basic techniques of etching, aquatint, and softground processes. Use of engraving, etching tools and roulettes for hand-texturing techniques. Single plate color techniques.

Application of design principles. Prerequisite: ART 160.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

1

Lab Hours

Min:

5

Requisites

Simple Requisites

Type

Prerequisite

Complete ALL of the following Courses:

- ART160 - Printmaking I

ART261 - Printmaking III

Overview

Course Prefix

ART

Course Number

261

Course Title

Printmaking III

Degree Attributes

Tuition 2 (1T12)

Course Description

Advanced study of printmaking techniques in areas such as combined plate processes of embossment, collograph, texturing build-up techniques and multiple-plate processes of intaglio and relief printing. Application of design principles. Prerequisite: ART 260.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

1

Lab Hours

Min:

5

Requisites

Simple Requisites

Type

Prerequisite

Complete ALL of the following Courses:

- ART260 - Printmaking II

ART281 - Advanced Projects in Sculpture

Overview

Course Prefix

ART

Course Number

281

Course Title

Advanced Projects in Sculpture

Degree Attributes

Tuition 2 (1T12)

Course Description

Design and techniques for additive process, carved and/or mixed media sculpture to explore the potentials of three-dimensional form. Projects are to be a unified series of projects working toward portfolio development. Application of design principles. [Repeatable for a total of 6 credit hours towards degree/certificate requirements.]. Prerequisite: ART 181.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

1

Lab Hours

Min:

5

Requisites

Simple Requisites

Type

Prerequisite

Complete ALL of the following Courses:

- ART181 - Sculpture II

ART283 - Advanced Projects in Welded Metal Sculpture

Overview

Course Prefix

ART

Course Number

283

Course Title

Advanced Projects in Welded Metal Sculpture

Degree Attributes

Tuition 2 (1T12)

Course Description

Emphasis on design and fabrication of metal sculpture to explore the potentials of the medium. Unified series of projects working toward portfolio development. Application of design principles. [Repeatable for a total of 6 credit hours towards degree/certificate requirements.]. Prerequisite: ART 183.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

1

Lab Hours

Min:

5

Requisites

Simple Requisites

Type

Prerequisite

Complete ALL of the following Courses:

- ART183 - Welded Metal Sculpture II

ART292 - Advanced Projects in Oil and Acrylic

Overview

Course Prefix

ART

Course Number

292

Course Title

Advanced Projects in Oil and Acrylic

Degree Attributes

Tuition 2 (1T12)

Course Description

Advanced projects in oil and acrylic painting. Review of techniques and materials. Application of design principles. [Repeatable for a total of 6 credit hours towards degree/certificate requirements.]. Prerequisite: ART 191.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

1

Lab Hours

Min:

5

Requisites

Simple Requisites

Type

Prerequisite

Complete ALL of the following Courses:

- ART191 - Oil/Acrylic Painting II

ART293 - Advanced Projects in Watercolor

Overview

Course Prefix

ART

Course Number

293

Course Title

Advanced Projects in Watercolor

Degree Attributes

Tuition 2 (1T12)

Course Description

Advanced projects in watercolor painting. Review of techniques and materials. Application of design principles. [Repeatable for a total of 6 credit hours towards degree/certificate requirements.]. Prerequisite: ART 195.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

1

Lab Hours

Min:

5

Requisites

Simple Requisites

Type

Prerequisite

Complete ALL of the following Courses:

- ART195 - Watercolor II

ART296 - Internship: Art

Overview

Course Prefix

ART

Course Number

296

Course Title

Internship: Art

Degree Attributes

Tuition 2 (1T12)

Course Description

Supervised field experience with businesses, corporations, government agencies, schools and community organizations to expand career interests and apply subject knowledge relevant to the workplace. Individualized internship placements to develop personal and professional skills, including professional ethics, leadership, and civic responsibility. Prerequisite: Student must have a GPA of 2.0; have completed specific degree requirements as required by the program; and have completed the internship application process. [Repeatable for a total of 6 credit hours towards degree/certificate requirements.] S/U grading only.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

0

Lab Hours

Min:

0

Requisites

Simple Requisites

Type

Prerequisite

Fulfill ALL of the following requirements:

Student must have a GPA of 2.0; have completed specific degree requirements as required by the program; and have completed the internship application process.

ART298 - Art Workshop:

Overview

Course Prefix

ART

Course Number

298

Course Title

Art Workshop:

Degree Attributes

Tuition 2 (1T12)

Course Description

Exploration and application of media techniques. [Repeatable for a total of 4 credit hours towards degree/certificate requirements.].

Credit Hours

Credit Hours

Min:

2

Lecture Hours

Min:

2

Lab Hours

Min:

0

ART299 - Independent Study Art

Overview

Course Prefix

ART

Course Number

299

Course Title

Independent Study Art

Degree Attributes

Tuition 2 (1T12)

Course Description

Supervised special project in this field of study. Approval of supervising Dean is required.

Credit Hours

Credit Hours

Min:

1

Max:

6

Credit Hours**Operator:**

TO

Lecture Hours

Min:

0

Lab Hours

Min:

0

ASL101 - Beginning American Sign Language I

Overview

Course Prefix

ASL

Course Number

101

Course Title

Beginning American Sign Language I

Degree Attributes

YC World Languages (LANG)

Course Description

Principles, methods, and techniques of American Sign Language skills, with emphasis on developing visual/receptive skills and basic communication.

Credit Hours

Credit Hours

Min:

4

Lecture Hours

Min:

4

Lab Hours

Min:

0

ASL102 - Beginning American Sign Language II

Overview

Course Prefix

ASL

Course Number

102

Course Title

Beginning American Sign Language II

Degree Attributes

YC World Languages (LANG)

Course Description

American Sign Language vocabulary, grammar, receptive, and expressive technique development. Prerequisite: ASL 101.

Credit Hours

Credit Hours

Min:

4

Lecture Hours

Min:

4

Lab Hours

Min:

0

Requisites**Simple Requisites****Type**

Prerequisite

Complete ALL of the following Courses:

- ASL101 - Beginning American Sign Language I

ASL201 - Intermediate American Sign Language I

Overview

Course Prefix

ASL

Course Number

201

Course Title

Intermediate American Sign Language I

Degree Attributes

YC World Languages (LANG)

Course Description

Proficiency and development of intermediate expressive and receptive skills. Emphasis on practical application of American Sign Language skills and cross-cultural communication. Prerequisite: ASL 102.

Credit Hours

Credit Hours

Min:

4

Lecture Hours

Min:

4

Lab Hours

Min:

0

Requisites

Simple Requisites

Type

Prerequisite

Complete ALL of the following Courses:

- ASL102 - Beginning American Sign Language II

ASL202 - Intermediate American Sign Language II

Overview

Course Prefix

ASL

Course Number

202

Course Title

Intermediate American Sign Language II

Degree Attributes

YC World Languages (LANG)

Course Description

Extension of proficiency and development of receptive and expressive skills at the intermediate level. Emphasis on practical application of American sign language skills and cross-cultural communication with a focus on the cultural aspects. Prerequisite: ASL 201.

Credit Hours

Credit Hours

Min:

4

Lecture Hours

Min:

4

Lab Hours

Min:

0

Requisites

Simple Requisites

Type

Prerequisite

Complete ALL of the following Courses:

- ASL201 - Intermediate American Sign Language I

ASL296 - Internship:American Sign Language

Overview

Course Prefix

ASL

Course Number

296

Course Title

Internship:American Sign Language

Course Description

Supervised field experience with businesses, corporations, government agencies, schools and community organizations to expand career interests and apply subject knowledge relevant to the workplace. Individualized internship placements to develop personal and professional skills, including professional ethics, leadership, and civic responsibility. Prerequisite: Student must have a GPA of 2.0; have completed specific degree requirements as required by the program; and have completed the internship application process. [Repeatable for a total of 6 credit hours towards degree/certificate requirements.] S/U grading only.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

0

Lab Hours

Min:

0

Requisites

Simple Requisites

Type

Prerequisite

Fulfill ALL of the following requirements:

Student must have a GPA of 2.0; have completed specific degree requirements as required by the program; and have completed the internship application process.

ASL299 - Independent Study American Sign Language

Overview

Course Prefix

ASL

Course Number

299

Course Title

Independent Study American Sign Language

Course Description

Supervised special project in this field of study. Approval of supervising Dean is required.

Credit Hours

Credit Hours

Min:

1

Max:

6

Credit Hours

Operator:

TO

Lecture Hours

Min:

0

Lab Hours

Min:

0

AUT103 - Automotive/Diesel Preventative Maintenance

Overview

Course Prefix

AUT

Course Number

103

Course Title

Automotive/Diesel Preventative Maintenance

Degree Attributes

Tuition 2 (1T12)

Course Description

Fundamentals of truck equipment and automobile basic preventative maintenance procedures.

Credit Hours

Credit Hours

Min:

4

Lecture Hours

Min:

2

Lab Hours

Min:

4

AUT105 - Introduction to Auto Body Repair

Overview

Course Prefix

AUT

Course Number

105

Course Title

Introduction to Auto Body Repair

Degree Attributes

Tuition 2 (1T12)

Course Description

Basic fabrication and primer application. Emphasis on nonstructural body repair, filling, sanding, primers, and spraying techniques.

Credit Hours

Credit Hours

Min:

4

Lecture Hours

Min:

2

Lab Hours

Min:

4

AUT106 - Automotive/Motorcycle Custom Painting

Overview

Course Prefix
AUT

Course Number
106

Course Title
Automotive/Motorcycle Custom Painting

Degree Attributes
Tuition 2 (1T12)

Course Description
Automotive paint finishing using professional techniques and equipment. Includes color selection, mixing, masking, sanding, spraying, powder coating, maintaining a spray booth, and post-paint care.

Credit Hours

Credit Hours

Min:
3

Lecture Hours

Min:
1

Lab Hours

Min:
4

AUT107 - Autographics/Airbrushing

Overview

Course Prefix
AUT

Course Number
107

Course Title
Autographics/Airbrushing

Degree Attributes
Tuition 2 (1T12)

Course Description
Basic theory and fundamentals of automotive/motorcycle airbrushing.

Credit Hours

Credit Hours

Min:
3

Lecture Hours

Min:
1

Lab Hours

Min:
4

AUT108 - Diesel Engine Repair Technology

Overview

Course Prefix

AUT

Course Number

108

Course Title

Diesel Engine Repair Technology

Degree Attributes

Tuition 2 (1T12)

Course Description

Theory, diagnosis and service common to all diesel engines. Includes engine rebuilding and performance testing along with engine mechanical fuel systems and testing.

Preparation for the ASE Certification test on Medium/Heavy Truck Diesel Engines and Light Duty Diesel Engines ASE Automotive Certification.

Credit Hours

Credit Hours

Min:

4

Lecture Hours

Min:

2

Lab Hours

Min:

4

AUT109 - Auto/Diesel Electrical Systems

Overview

Course Prefix

AUT

Course Number

109

Course Title

Auto/Diesel Electrical Systems

Degree Attributes

Tuition 2 (1T12)

Course Description

Electrical principles and diagnosis of diesel and automotive electrical systems. Includes repair of batteries, charging systems, starting systems, ignition systems and use of electrical testing instruments.

Credit Hours

Credit Hours

Min:

4

Lecture Hours

Min:

2

Lab Hours

Min:

4

AUT110 - Advanced Airbrushing Techniques

Overview

Course Prefix

AUT

Course Number

110

Course Title

Advanced Airbrushing Techniques

Degree Attributes

Tuition 2 (1T12)

Course Description

Advanced airbrushing techniques including airbrushing with pearls, metal flakes, candies, transparents, and transluents. Special faux effects including portraits and real fire. Prerequisite: AUT 107.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

1

Lab Hours

Min:

4

Requisites

Simple Requisites

Type

Prerequisite

Complete ALL of the following Courses:

- AUT107 - Autographics/Airbrushing

AUT111 - Auto Body Welding and Collision Repair

Overview

Course Prefix

AUT

Course Number

111

Course Title

Auto Body Welding and Collision Repair

Degree Attributes

Tuition 2 (1T12)

Course Description

Removal, replacement, and repair of body panels, door skins, fender patch, rocker panels, floor components, mechanical components, and quarter panels. Includes structural damage repair.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

1

Lab Hours

Min:

4

AUT115 - Auto Body and Paint Project

Overview

Course Prefix

AUT

Course Number

115

Course Title

Auto Body and Paint Project

Degree Attributes

Tuition 2 (1T12)

Course Description

Individual project in auto body repair and paint application. Incorporates planning and design, tool and material selection and project completion. Prerequisite: AUT 105 and AUT 106.

Credit Hours

Credit Hours

Min:

2

Lecture Hours

Min:

0

Lab Hours

Min:

4

Requisites

Simple Requisites

Type

Prerequisite

Complete ALL of the following Courses:

- AUT105 - Introduction to Auto Body Repair
- AUT106 - Automotive/Motorcycle Custom Painting

AUT122 - Automatic Transmissions and Transaxles

Overview

Course Prefix

AUT

Course Number

122

Course Title

Automatic Transmissions and Transaxles

Degree Attributes

Tuition 2 (1T12)

Course Description

Theory, diagnosis and repair of selected GM, Ford and Chrysler automatic transmissions. Prerequisite: AUT 109.

Credit Hours

Credit Hours

Min:

4

Lecture Hours

Min:

2

Lab Hours

Min:

4

Requisites

Simple Requisites

Type

Prerequisite

Complete ALL of the following Courses:

- AUT109 - Auto/Diesel Electrical Systems

AUT123 - Automotive Brakes

Overview

Course Prefix

AUT

Course Number

123

Course Title

Automotive Brakes

Degree Attributes

Tuition 2 (1T12)

Course Description

General braking principles, terms, definitions, and other functions connected with the automobile braking system. Correct operation and use of brake servicing equipment for drum and disc brakes.

Credit Hours

Credit Hours

Min:

4

Lecture Hours

Min:

2

Lab Hours

Min:

4

AUT124 - Auto/Diesel Manual Drive Trains

Overview

Course Prefix

AUT

Course Number

124

Course Title

Auto/Diesel Manual Drive Trains

Degree Attributes

Tuition 2 (1T12)

Course Description

Theory, diagnosis, and service of clutches, driveline, synchromesh transmissions, final drives and manual shift transmissions. Preparation for the ASE Certification Test on A3 Manual Drive Trains and T3 Truck Drive Trains.

Credit Hours

Credit Hours

Min:

4

Lecture Hours

Min:

2

Lab Hours

Min:

4

AUT126 - Auto/Diesel Suspension and Steering

Overview

Course Prefix

AUT

Course Number

126

Course Title

Auto/Diesel Suspension and Steering

Degree Attributes

Tuition 2 (1T12)

Course Description

Principles of suspension system geometry and steering systems operation. Adjustment, correction, repair and replacement components of system components.

Credit Hours

Credit Hours

Min:

4

Lecture Hours

Min:

2

Lab Hours

Min:

4

AUT128 - Auto/Diesel Heating and Air Conditioning

Overview

Course Prefix

AUT

Course Number

128

Course Title

Auto/Diesel Heating and Air Conditioning

Degree Attributes

Tuition 2 (1T12)

Course Description

Theory of heat transfer forms of matter, refrigeration cycle, and operating principles of automotive air conditioning systems. Fundamentals in testing, repairing, disassembling and assembling components of heating and air conditioning systems.

Credit Hours

Credit Hours

Min:

4

Lecture Hours

Min:

2

Lab Hours

Min:

4

AUT135 - Diesel Braking Systems

Overview

Course Prefix

AUT

Course Number

135

Course Title

Diesel Braking Systems

Degree Attributes

Tuition 2 (1T12)

Course Description

Theory, diagnosis and repair of diesel air, hydraulic and anti-lock brake systems. Emphasis on tires and wheels, and hydraulic and air brake systems.

Credit Hours

Credit Hours

Min:

4

Lecture Hours

Min:

2

Lab Hours

Min:

4

AUT153 - Auto Engine Repair

Overview

Course Prefix

AUT

Course Number

153

Course Title

Auto Engine Repair

Degree Attributes

Tuition 2 (1T12)

Course Description

Theory of operation of gasoline powered engines. Includes engine servicing and engine removal and replacement procedures.

Credit Hours

Credit Hours

Min:

4

Lecture Hours

Min:

2

Lab Hours

Min:

4

AUT198 - Automotive Topics:

Overview

Course Prefix

AUT

Course Number

198

Course Title

Automotive Topics:

Degree Attributes

Tuition 2 (1T12)

Course Description

Exploration of specialized automotive topics outside of the standard curriculum.
Prerequisites: AUT 103

Credit Hours

Credit Hours

Min:

1

Max:

3

Credit Hours

Operator:

TO

Lecture Hours

Min:

0

Lab Hours

Min:

0

Requisites

Simple Requisites

Type

Prerequisite

Complete ALL of the following Courses:

- AUT103 - Automotive/Diesel Preventative Maintenance

AUT208 - Advanced Diesel Engine Repair

Overview

Course Prefix

AUT

Course Number

208

Course Title

Advanced Diesel Engine Repair

Degree Attributes

Tuition 2 (1T12)

Course Description

Advanced block, crankshaft, bearing, and cylinder head and timing component diagnosis and repair. Prerequisite: AUT 108.

Credit Hours

Credit Hours

Min:

4

Lecture Hours

Min:

2

Lab Hours

Min:

4

Requisites

Simple Requisites

Type

Prerequisite

Complete ALL of the following Courses:

- AUT108 - Diesel Engine Repair Technology

AUT225 - Diesel Engine Performance

Overview

Course Prefix

AUT

Course Number

225

Course Title

Diesel Engine Performance

Degree Attributes

Tuition 2 (1T12)

Course Description

Principles of operation, diagnosis and repair of engine fuel and computer systems. Use of diagnostic oscilloscope and scan tools to repair malfunctioning fuel and computer systems. Prerequisite: AUT 109.

Credit Hours

Credit Hours

Min:

4

Lecture Hours

Min:

2

Lab Hours

Min:

4

Requisites

Simple Requisites

Type

Prerequisite

Complete ALL of the following Courses:

- AUT109 - Auto/Diesel Electrical Systems

AUT230 - Advanced Light/Medium Duty Diesel Diagnosis 1500-4500 Series

Overview

Course Prefix

AUT

Course Number

230

Course Title

Advanced Light/Medium Duty Diesel Diagnosis 1500-4500 Series

Degree Attributes

Tuition 2 (1T12)

Course Description

Theory of operation of current model diesel engine systems.

Credit Hours

Credit Hours

Min:

4

Lecture Hours

Min:

2

Lab Hours

Min:

4

AUT231 - Auto Engine Diagnostics

Overview

Course Prefix

AUT

Course Number

231

Course Title

Auto Engine Diagnostics

Degree Attributes

Tuition 2 (1T12)

Course Description

Principles of operation, diagnosis and repair of engine fuel and ignition systems. Use of diagnostic oscilloscope to repair malfunctioning fuel and ignition systems. Prerequisite: AUT 109.

Credit Hours

Credit Hours

Min:

5

Lecture Hours

Min:

3

Lab Hours

Min:

4

Requisites

Simple Requisites

Type

Prerequisite

Complete ALL of the following Courses:

- AUT109 - Auto/Diesel Electrical Systems

AUT275 - Basic Automotive Upholstery

Overview

Course Prefix

AUT

Course Number

275

Course Title

Basic Automotive Upholstery

Degree Attributes

Tuition 2 (1T12)

Course Description

Introduction to automotive and motorcycle upholstery. Includes power sewing machines, tools, and new coverings for bucket, bench and motorcycle seats.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

1

Lab Hours

Min:

4

AUT276 - Advanced Upholstery

Overview

Course Prefix

AUT

Course Number

276

Course Title

Advanced Upholstery

Degree Attributes

Tuition 2 (1T12)

Course Description

Advanced techniques in automotive and motorcycle upholstery. Includes headliners, carpeting, door panels, and other interior accessories. Prerequisite: AUT 275.

Credit Hours

Credit Hours

Min:

2

Lecture Hours

Min:

1

Lab Hours

Min:

3

Requisites

Simple Requisites

Type

Prerequisite

Complete ALL of the following Courses:

- AUT275 - Basic Automotive Upholstery

AUT295 - Apprenticeship: Diesel

Overview

Course Prefix

AUT

Course Number

295

Course Title

Apprenticeship: Diesel

Degree Attributes

Tuition 2 (1T12)

Course Description

Supervised field experience with heavy diesel equipment. [Repeatable for a total of 12 credit hours towards degree/certificate requirements.] S/U grading only.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

0

Lab Hours

Min:

0

Requisites

Simple Requisites

Type

Prerequisite

Fulfill ALL of the following requirements:

Program Admission

AUT296 - Internship: Automotive

Overview

Course Prefix

AUT

Course Number

296

Course Title

Internship: Automotive

Degree Attributes

Tuition 2 (1T12)

Course Description

Supervised field experience with businesses, corporations, government agencies, schools and community organizations to expand career interests and apply subject knowledge relevant to the workplace. Individualized internship placements to develop personal and professional skills, including professional ethics, leadership, and civic responsibility.

Prerequisite: Student must have a GPA of 2.0; have completed specific degree requirements as required by the program; and have completed the internship application process. [Repeatable for a total of 6 credit hours towards degree/certificate requirements.] S/U grading only.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

0

Lab Hours

Min:

0

Requisites

Simple Requisites

Type

Prerequisite

Fulfill ALL of the following requirements:

Student must have a GPA of 2.0; have completed specific degree requirements as required by the program; and have completed the internship application process.

AUT299 - Independent Study Automotive

Overview

Course Prefix

AUT

Course Number

299

Course Title

Independent Study Automotive

Degree Attributes

Tuition 2 (1T12)

Course Description

Supervised special project in this field of study. Approval of supervising Dean is required.

Credit Hours

Credit Hours

Min:

1

Max:

6

Credit Hours

Operator:

TO

Lecture Hours

Min:

0

Lab Hours

Min:

0

AVT122 - Fundamentals of Air Traffic Control

Overview

Course Prefix

AVT

Course Number

122

Course Title

Fundamentals of Air Traffic Control

Degree Attributes

Tuition 2 (1T12)

Course Description

Airport air traffic control history, navigation systems, system structure and control communication procedure and phraseology. Heavy emphasis place on preliminary terminology used in radio communication.

Credit Hours**Credit Hours****Min:**

3

Lecture Hours**Min:**

2

Lab Hours**Min:**

2

AVT123 - Air Traffic Control Tower Procedures

Overview

Course Prefix

AVT

Course Number

123

Course Title

Air Traffic Control Tower Procedures

Degree Attributes

Tuition 2 (1T12)

Course Description

Duties and responsibilities of each position in a typical Federal Aviation Administration (FAA) control tower. Includes Facility Letters of Agreements, Facility Standard Operating Procedures, and the duties and responsibilities of a Tower Controller as outlined in FAA orders. Prerequisite: AVT 122.

Credit Hours**Credit Hours****Min:**

3

Lecture Hours**Min:**

2

Lab Hours**Min:**

2

Requisites**Simple Requisites****Type**

Prerequisite

Complete ALL of the following Courses:

- AVT122 - Fundamentals of Air Traffic Control

AVT124 - Fundamentals of Air Traffic Control Radar Operation

Overview

Course Prefix

AVT

Course Number

124

Course Title

Fundamentals of Air Traffic Control Radar Operation

Degree Attributes

Tuition 2 (1T12)

Course Description

Theory and fundamentals of radar operation as it pertains to the National Airspace System, Oceanic and International Air Traffic Control, and the Federal Aviation Administration (FAA). Prerequisite: AVT 122 and AVT 123.

Credit Hours

Credit Hours**Min:**

3

Lecture Hours**Min:**

2

Lab Hours**Min:**

2

Requisites

Simple Requisites

Type

Prerequisite

Complete ALL of the following Courses:

- AVT122 - Fundamentals of Air Traffic Control
- AVT123 - Air Traffic Control Tower Procedures

AVT137 - Private Pilot Ground

Overview

Course Prefix

AVT

Course Number

137

Course Title

Private Pilot Ground

Degree Attributes

Airplane Tuition (1AVA)

Course Description

Introduces and develops the aeronautical knowledge required to earn an FAA Private Pilot Certificate with airplane category and single-engine land class ratings.

Credit Hours

Credit Hours**Min:**

4

Lecture Hours**Min:**

4

Lab Hours**Min:**

0

AVT138 - Private Pilot Simulation

Overview

Course Prefix

AVT

Course Number

138

Course Title

Private Pilot Simulation

Degree Attributes

Airplane Tuition (1AVA)

Course Description

Introduce and develop the basic flight proficiency required to earn an FAA Private Pilot Certificate with airplane category and single-engine land class ratings using flight simulation. Prerequisite: AVT 139 (may be taken concurrently)

Credit Hours

Credit Hours

Min:

1

Lecture Hours

Min:

0

Lab Hours

Min:

3

Requisites

Simple Requisites

Type

Prerequisite

Complete ALL of the following Courses:

- AVT139 - Private Pilot Flight

May be taken concurrently.

AVT139 - Private Pilot Flight

Overview

Course Prefix

AVT

Course Number

139

Course Title

Private Pilot Flight

Degree Attributes

Airplane Tuition (1AVA)

Course Description

Introduces private pilot flight maneuvers and develops the flight proficiency required to earn an FAA Private Pilot Certificate with airplane category and single-engine land class ratings. Prerequisites: Program Admission. AVT 137 (may be taken concurrently)

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

0

Lab Hours

Min:

9

Requisites

Simple Requisites

Type

Prerequisite

Complete ALL of the following Courses:

- AVT137 - Private Pilot Ground

Program Admission. AVT 137 may be taken concurrently.

AVT149 - Instrument Intro Flight

Overview

Course Prefix

AVT

Course Number

149

Course Title

Instrument Intro Flight

Degree Attributes

Airplane Tuition (1AVA)

Course Description

Introduces and develops electronic navigation, holding procedures, and commercial pilot maneuvers. Allows the student to gain required aeronautical experience for FAA Commercial Pilot Certificate and Instrument Rating. Prerequisites: Program Admission. AVT 139.

Credit Hours

Credit Hours

Min:

2

Lecture Hours

Min:

0

Lab Hours

Min:

6

Requisites

Simple Requisites

Type

Prerequisite

Complete ALL of the following Courses:

- AVT139 - Private Pilot Flight

Program Admission

AVT157 - Instrument Pilot Ground

Overview

Course Prefix

AVT

Course Number

157

Course Title

Instrument Pilot Ground

Degree Attributes

Airplane Tuition (1AVA)

Course Description

Introduces and develops the aeronautical knowledge required to earn an FAA Instrument-Airplane rating. Prerequisite: AVT 137

Credit Hours

Credit Hours

Min:

4

Lecture Hours

Min:

4

Lab Hours

Min:

0

Requisites

Simple Requisites

Type

Prerequisite

Complete ALL of the following Courses:

- AVT137 - Private Pilot Ground

AVT159 - Instrument Pilot Flight

Overview

Course Prefix

AVT

Course Number

159

Course Title

Instrument Pilot Flight

Degree Attributes

Airplane Tuition (1AVA)

Course Description

Introduces instrument pilot flight maneuvers and procedures and develops the flight proficiency required to earn an FAA Instrument-Airplane rating. Prerequisites: Program Admission, AVT 149, and AVT 157 (may be taken concurrently).

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

0

Lab Hours

Min:

9

Requisites

Simple Requisites

Type

Prerequisite

Complete ALL of the following Courses:

- AVT149 - Instrument Intro Flight
- AVT157 - Instrument Pilot Ground

AVT 157 may be taken concurrently.

AVT257 - Commercial Pilot Ground

Overview

Course Prefix

AVT

Course Number

257

Course Title

Commercial Pilot Ground

Degree Attributes

Airplane Tuition (1AVA)

Course Description

Develops the aeronautical knowledge required to earn an FAA Commercial Pilot Certificate with airplane category and single-engine land class ratings. Prerequisite: AVT 157

Credit Hours

Credit Hours

Min:

4

Lecture Hours

Min:

4

Lab Hours

Min:

0

Requisites

Simple Requisites

Prerequisite

Type

Prerequisite

Complete ALL of the following Courses:

- AVT157 - Instrument Pilot Ground

AVT259 - Commercial Pilot Flight

Overview

Course Prefix

AVT

Course Number

259

Course Title

Commercial Pilot Flight

Degree Attributes

Airplane Tuition (1AVA)

Course Description

Introduces commercial pilot flight maneuvers and develops the flight proficiency required to earn an FAA Commercial Pilot Certificate with airplane category and single-engine land class ratings. Prerequisites: Program Admission, AVT 159, and AVT 257 (may be taken concurrently).

Credit Hours

Credit Hours

Min:

2

Lecture Hours

Min:

0

Lab Hours

Min:

6

Requisites

Simple Requisites

Prerequisite

Type

Prerequisite

Complete ALL of the following Courses:

- AVT159 - Instrument Pilot Flight
- AVT257 - Commercial Pilot Ground

Program Admission. AVT257 may be taken concurrently.

AVT262 - Flight Endorsement

Overview

Course Prefix

AVT

Course Number

262

Course Title

Flight Endorsement

Degree Attributes

Airplane Tuition (1AVA)

Course Description

Intended for students who may need additional flight hours in order to be endorsed by their flight instructor for FAA testing. Designed for students who are within 10 hours of endorsement and is used as a stop gap measure to prevent having to fully repeat a course that is unnecessary if within a few flight hours of success.

Credit Hours

Credit Hours

Min:

1

Max:

3

Credit Hours

Operator:

TO

Lecture Hours

Min:

0

Lab Hours

Min:

3

Max:

9

Lab Hours

Operator:

TO

AVT267 - Flight Instructor Ground

Overview

Course Prefix

AVT

Course Number

267

Course Title

Flight Instructor Ground

Degree Attributes

Airplane Tuition (1AVA)

Course Description

Introduces and develops the fundamentals of instruction and the aeronautical knowledge required to earn an FAA Flight Instructor Certificate with airplane category and single-engine land class ratings. Prerequisite: AVT 257

Credit Hours

Credit Hours

Min:

4

Lecture Hours

Min:

4

Lab Hours

Min:

0

Requisites

Simple Requisites

Prerequisite

Type

Prerequisite

Complete ALL of the following Courses:

- AVT257 - Commercial Pilot Ground

AVT269 - Flight Instructor Flight

Overview

Course Prefix

AVT

Course Number

269

Course Title

Flight Instructor Flight

Degree Attributes

Airplane Tuition (1AVA)

Course Description

Introduces and develops the flight proficiency required to earn an FAA Flight Instructor Certificate with airplane category and single-engine land class ratings. Prerequisites: Program Admission, AVT 259, and AVT 267 (may be taken concurrently)

Credit Hours

Credit Hours

Min:

2

Lecture Hours

Min:

0

Lab Hours

Min:

6

Requisites

Simple Requisites

Prerequisite

Type

Prerequisite

Complete ALL of the following Courses:

- AVT259 - Commercial Pilot Flight
- AVT267 - Flight Instructor Ground

AVT267 may be taken concurrently.

AVT277 - Instrument Flight Instructor Ground

Overview

Course Prefix

AVT

Course Number

277

Course Title

Instrument Flight Instructor Ground

Degree Attributes

Airplane Tuition (1AVA)

Course Description

Introduces and develops the aeronautical knowledge required to earn an FAA Instrument Flight Instructor Certificate with airplane category and single-engine land class ratings.

Prerequisite: AVT 267 (may be taken concurrently)

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

3

Lab Hours

Min:

0

Requisites

Simple Requisites

Prerequisite

Type

Prerequisite

Complete ALL of the following Courses:

- AVT267 - Flight Instructor Ground

May be taken concurrently.

AVT279 - Instrument Flight Instructor Flight

Overview

Course Prefix

AVT

Course Number

279

Course Title

Instrument Flight Instructor Flight

Degree Attributes

Airplane Tuition (1AVA)

Course Description

Introduces and develops the flight proficiency required to earn an FAA Instrument Flight Instructor Certificate with airplane category and single-engine land class ratings.

Prerequisites: Program Admission. AVT 277 and AVT 269 (may be taken concurrently)

Credit Hours

Credit Hours

Min:

1

Lecture Hours

Min:

0

Lab Hours

Min:

3

Requisites

Simple Requisites

Prerequisite

Type

Prerequisite

Complete ALL of the following Courses:

- AVT269 - Flight Instructor Flight
- AVT277 - Instrument Flight Instructor Ground

Program Admission. Courses may be taken concurrently.

AVT287 - Multi-Engine Ground

Overview

Course Prefix

AVT

Course Number

287

Course Title

Multi-Engine Ground

Degree Attributes

Airplane Tuition (1AVA)

Course Description

Introduces and develops the aeronautical knowledge required to earn an FAA Commercial Pilot Certificate with an airplane category and multi-engine land class rating. Prerequisite: AVT 257

Credit Hours

Credit Hours

Min:

2

Lecture Hours

Min:

2

Lab Hours

Min:

0

Requisites

Simple Requisites

Prerequisite

Type

Prerequisite

Complete ALL of the following Courses:

- AVT257 - Commercial Pilot Ground

AVT289 - Multi-Engine Flight

Overview

Course Prefix

AVT

Course Number

289

Course Title

Multi-Engine Flight

Degree Attributes

Airplane Tuition (1AVA)

Course Description

Introduces and develops the flight proficiency required to earn an FAA Commercial Pilot Certificate with an airplane category and multi-engine land class rating. Prerequisites: Program Admission, AVT 259, and AVT 287 (may be taken concurrently)

Credit Hours

Credit Hours

Min:

1

Lecture Hours

Min:

0

Lab Hours

Min:

3

Requisites

Simple Requisites

Prerequisite

Type

Prerequisite

Complete ALL of the following Courses:

- AVT259 - Commercial Pilot Flight
- AVT287 - Multi-Engine Ground

Program Admission. AVT287 may be taken concurrently.

AVT290 - Commercial Added Category- Airplane Single Engine Land

Overview

Course Prefix
AVT

Course Number
290

Course Title

Commercial Added Category- Airplane Single Engine Land

Degree Attributes

Airplane Tuition (1AVA)

Course Description

Advanced Airplane flight operations and navigation including mountain flying techniques for students who are crossing over from helicopter and have obtained a commercial helicopter rating. Preparation for Federal Aviation Administration commercial pilot oral and practical test. Prerequisite: AVT 204 (may be taken concurrently) and Commercial Rotorcraft - Helicopter rating.

Credit Hours

Credit Hours

Min:
6

Lecture Hours

Min:
2.5

Lab Hours

Min:
11.5

Requisites

Simple Requisites

Type

Prerequisite

Complete ALL of the following Courses:

- AVT204 - Commercial Pilot Single-Engine Airplane Ground

AND Commercial Rotocraft-Helicopter rating.

Prerequisite course may be taken concurrently with AVT290.

AVT299 - Independent Study Aviation

Overview

Course Prefix
AVT

Course Number
299

Course Title

Independent Study Aviation

Degree Attributes

Tuition 2 (1T12)

Course Description

Supervised special project in this field of study. Approval of supervising Dean is required.

Credit Hours

Credit Hours

Min:
1

Max:
6

Credit Hours Operator:
TO

Lecture Hours

Min:
0

Lab Hours

Min:
0

BHS150 - Introduction to Behavioral Health and Social Services

Overview

Course Prefix
BHS

Course Number
150

Course Title

Introduction to Behavioral Health and Social Services

Degree Attributes

Tuition 2 (1T12)

Course Description

Survey of the behavioral health and social services professions, including scope of practice and training requirements. Exploration of employment opportunities in the field and self-assessment/academic planning for a career in mental health. Overview of mental health disorders and first responder skills in a mental health crisis situation.

Credit Hours

Credit Hours

Min:
3

Lecture Hours

Min:
3

Lab Hours

Min:
0

BHS155 - Professional Resiliency and Well-Being

Overview

Course Prefix
BHS

Course Number
155

Course Title

Professional Resiliency and Well-Being

Degree Attributes

Tuition 2 (1T12)

Course Description

Exploration of building human resilience and well-being to prevent burnout, traumatic stress, and compassion fatigue for social services and mental health professionals, healthcare providers, emergency first responders, and other relationship-intense occupations. Causes, symptoms, and effects of traumatic stress, burnout, compassion fatigue, and other work-related stress. Focus on enhancing quality of life and improving a healthy lifestyle by incorporating evidence-based practices in psychological and emotional resilience training, cognitive behavioral therapy, mindfulness, positive psychology, prevention, peer support, and self-care, including nutrition, exercise, and sleep. Exploration of strategies that function as preventative medicine to help mitigate the potential harmful effects of highly stressful careers.

Credit Hours

Credit Hours

Min:
3

Lecture Hours

Min:
3

Lab Hours

Min:
0

BHS160 - Ethical, Legal and Professional Issues in Behavioral Health and Social Service

Overview

Course Prefix

BHS

Course Number

160

Course Title

Ethical, Legal and Professional Issues in Behavioral Health and Social Service

Degree Attributes

Tuition 2 (1T12)

Course Description

Explores relevant ethical, legal, and professional issues inherent in the behavioral health and social services field, including expectations of and limitations on providers. Key areas of inquiry include boundaries and dual relationships, mandated reporting, confidentiality, scope of practice, beneficence and non-maleficence, rights and responsibilities, professional relationships, and credentialing/regulating agencies.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

3

Lab Hours

Min:

0

BHS165 - Applied Therapeutic Communication Skills

Overview

Course Prefix

BHS

Course Number

165

Course Title

Applied Therapeutic Communication Skills

Degree Attributes

Tuition 2 (1T12)

Course Description

Theory and practice of communication skills to establish and maintain effective helping relationships and enhance the therapeutic alliance. Emphasis on verbal communication, nonverbal communication, paraverbal communication, rapport building, empathetic and active listening skills, resolving interpersonal conflicts, appropriate feedback, and developing and maintaining personal and professional relationships.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

3

Lab Hours

Min:

0

BHS170 - Case Management and Clinical Documentation

Overview

Course Prefix
BHS

Course Number
170

Course Title

Case Management and Clinical Documentation

Degree Attributes

Tuition 2 (1T12)

Course Description

Overview and application of the principles, practices, and function of case management in human services. Case management service delivery and coordination for clients with psychological, developmental, and psychiatric and comorbid medical conditions. Documentation techniques necessary to maintain clinical records in a variety of behavioral healthcare settings.

Credit Hours

Credit Hours

Min:
3

Lecture Hours

Min:
3

Lab Hours

Min:
0

BHS180 - Child, Family, and Adult Advocacy

Overview

Course Prefix
BHS

Course Number
180

Course Title

Child, Family, and Adult Advocacy

Degree Attributes

Tuition 2 (1T12)

Course Description

The role of advocacy in relation to multiple systems affecting children, families, and adults. Emphasis on identifying appropriate supports, community resources, and "wrap-around" services to help foster healthy family and child development, social welfare, and recovery.

Credit Hours

Credit Hours

Min:
3

Lecture Hours

Min:
3

Lab Hours

Min:
0

BHS299 - Independent Study Behavioral Health Sciences

Overview

Course Prefix

BHS

Course Number

299

Course Title

Independent Study Behavioral Health Sciences

Degree Attributes

Tuition 2 (1T12)

Course Description

Supervised special project in this field of study. Approval of supervising Division Dean is required.

Credit Hours

Credit Hours

Min:

1

Max:

6

Credit Hours

Operator:

TO

Lecture Hours

Min:

0

Lab Hours

Min:

0

BIO100 - Biology Concepts

Overview

Course Prefix

BIO

Course Number

100

Course Title

Biology Concepts

Degree Attributes

Natural Sciences (NS) (NS), Scientific Lit (2021-99) (SLC), Tuition 2 (1T12)

Course Description

Basic principles and concepts of biology. Methods of scientific inquiry, energetics and metabolism, genetics, evolution and natural selection. Not for majors in the biological or preprofessional sciences. Duplicate credit for BIO 100 and BIO 156 will not be awarded. Prerequisite: Reading Proficiency.

Credit Hours

Credit Hours

Min:

4

Lecture Hours

Min:

3

Lab Hours

Min:

3

Requisites

Simple Requisites

Type

Prerequisite

Fulfill ALL of the following requirements:

Reading Proficiency

BIO103 - Plant Biology

Overview

Course Prefix

BIO

Course Number

103

Course Title

Plant Biology

Degree Attributes

Physical & Biol Science (AGEC) (PBS), Scientific Lit (2021-99) (SLC), Tuition 2 (1T12)

Course Description

Introduction to the growth, development, reproduction, and structure of vascular plants. Fundamental activities of plants including photosynthesis and respiration. Emphasis on agricultural and horticultural crops of Arizona. This course is cross-listed with AGS 103. Prerequisite: Reading Proficiency.

Credit Hours

Credit Hours

Min:

4

Lecture Hours

Min:

3

Lab Hours

Min:

3

Requisites

Simple Requisites

Type

Prerequisite

Fulfill ALL of the following requirements:

Reading Proficiency

BIO105 - Environmental Biology

Overview

Course Prefix

BIO

Course Number

105

Course Title

Environmental Biology

Degree Attributes

Critical Thinking (2021-99) (CTC), Physical & Biol Science (AGEC) (PBS), Scientific Lit (2021-99) (SLC), Tuition 2 (1T12)

Course Description

Introduction to ecological systems, natural resources, and applications to environmental issues. Includes population, community, and ecosystem analysis. Emphasis on field, laboratory, and writing activities. Prerequisite: Reading Proficiency.

Credit Hours

Credit Hours

Min:

4

Lecture Hours

Min:

3

Lab Hours

Min:

3

Requisites

Simple Requisites

Type

Prerequisite

Fulfill ALL of the following requirements:

Reading Proficiency

BIO156 - Human Biology for Allied Health

Overview

Course Prefix

BIO

Course Number

156

Course Title

Human Biology for Allied Health

Degree Attributes

Physical & Biol Science (AGEC) (PBS), Scientific Lit (2021-99) (SLC), Tuition 2 (1T12)

Course Description

An introductory biology course for allied health majors with an emphasis on humans. Topics include fundamental concepts of cell history, histology, microbiology, and genetics. Duplicate credit for BIO 100 and BIO 156 will not be awarded. Prerequisite: Reading Proficiency.

Credit Hours

Credit Hours

Min:

4

Lecture Hours

Min:

3

Lab Hours

Min:

3

Requisites

Simple Requisites

Type

Prerequisite

Fulfill ALL of the following requirements:

Reading Proficiency

BIO160 - Introduction to Human Anatomy and Physiology

Overview

Course Prefix

BIO

Course Number

160

Course Title

Introduction to Human Anatomy and Physiology

Degree Attributes

Natural Sciences (NS) (NS), Scientific Lit (2021-99) (SLC), Tuition 2 (1T12)

Course Description

Principles of scientific method. Structural organization, homeostasis and control mechanisms of the body. Specific chemistry concepts. Structure and function of the major systems of the body. Prerequisite: Reading Proficiency.

Credit Hours

Credit Hours

Min:

4

Lecture Hours

Min:

3

Lab Hours

Min:

3

Requisites

Simple Requisites

Type

Prerequisite

Fulfill ALL of the following requirements:

Reading Proficiency

BIO181 - General Biology I

Overview

Course Prefix

BIO

Course Number

181

Course Title

General Biology I

Degree Attributes

Natural Sciences (NS) (NS), SUN# BIO 1181 (Z006), Scientific Lit (2021-99) (SLC), Tuition 2 (1T12)

Course Description

Biological principles emphasizing structure and function at the molecular, cellular, and organismal levels of biological systems. Secondary school chemistry strongly recommended. Primarily for biology majors and preprofessional students in health-related fields. Prerequisite: Reading Proficiency.

Credit Hours

Credit Hours

Min:

4

Lecture Hours

Min:

3

Lab Hours

Min:

3

Requisites

Simple Requisites

Type

Prerequisite

Fulfill ALL of the following requirements:

Reading Proficiency

BIO182 - General Biology II

Overview

Course Prefix

BIO

Course Number

182

Course Title

General Biology II

Degree Attributes

Physical & Biol Science (AGEC) (PBS), SUN# BIO 1182 (Z007), Scientific Lit (2021-99) (SLC), Tuition 2 (1T12)

Course Description

Principles of plant and animal structure, function, and diversity; evolution, and ecology of populations and communities emphasizing biotic interactions. Primarily designed for biology and pre-professional majors. Prerequisite: Reading Proficiency.

Credit Hours

Credit Hours

Min:

4

Lecture Hours

Min:

3

Lab Hours

Min:

3

Requisites

Simple Requisites

Type

Prerequisite

Fulfill ALL of the following requirements:

Reading Proficiency

BIO196 - Directed Research Biology

Overview

Course Prefix

BIO

Course Number

196

Course Title

Directed Research Biology

Degree Attributes

Tuition 2 (1T12)

Course Description

Faculty or mentor directed student research in an area of current scientific investigation culminating in a final report, paper, or presentation. Students will work in the lab or in the field to gain the intellectual, technical, and practical skills necessary to further the knowledge base in an area of scientific investigation with the objective of contributing to the professional body of scientific knowledge.

Credit Hours

Credit Hours

Min:

1

Max:

3

Credit Hours

Operator:

TO

Lecture Hours

Min:

0

Lab Hours

Min:

0

BIO201 - Human Anatomy and Physiology I

Overview

Course Prefix

BIO

Course Number

201

Course Title

Human Anatomy and Physiology I

Degree Attributes

Physical & Biol Science (AGEC) (PBS), SUN# BIO 2201 (Z008), Scientific Lit (2021-99) (SLC), Tuition 2 (1T12)

Course Description

Structure and function of the human body. Topics include cells, tissues, integumentary, muscular, skeletal, and nervous systems. Prerequisite: BIO 156 or BIO 181. Reading Proficiency.

Credit Hours

Credit Hours

Min:

4

Lecture Hours

Min:

3

Lab Hours

Min:

3

Requisites

Simple Requisites

<p>Type Prerequisite</p> <div style="border: 1px solid black; padding: 10px; margin: 10px 0;"> <p>Complete ALL of the following Courses:</p> <ul style="list-style-type: none"> • BIO156 - Human Biology for Allied Health OR BIO181 - General Biology I <p>Reading Proficiency</p> </div>

BIO202 - Human Anatomy and Physiology II

Overview

Course Prefix

BIO

Course Number

202

Course Title

Human Anatomy and Physiology II

Degree Attributes

SUN# BIO 2202 (Z009), Scientific Lit (2021-99) (SLC), Tuition 2 (1T12)

Course Description

Structure and function of the human body. Topics include reproductive, endocrine, circulatory, respiratory, urinary, and digestive systems. Prerequisite: BIO 201.

Credit Hours

Credit Hours

Min:

4

Lecture Hours

Min:

3

Lab Hours

Min:

3

Requisites

Simple Requisites

Type

Prerequisite

Complete ALL of the following Courses:

- BIO201 - Human Anatomy and Physiology I

BIO205 - Microbiology

Overview

Course Prefix

BIO

Course Number

205

Course Title

Microbiology

Degree Attributes

Physical & Biol Science (AGEC) (PBS), SUN# BIO 2205 (Z010), Scientific Lit (2021-99) (SLC), Tuition 2 (1T12)

Course Description

Introduction to microorganisms and viruses of medical importance. Chemical and physical methods of microbial control; bacterial, fungal, protozoal, and viral drug therapy; the immune system response to infection; transmission of human disease; and common clinical presentation of various diseases. Prerequisite: BIO 100 or BIO 156 or BIO 181. Reading Proficiency.

Credit Hours

Credit Hours

Min:

4

Lecture Hours

Min:

3

Lab Hours

Min:

3

Requisites

Simple Requisites

Type

Prerequisite

Complete ALL of the following Courses:

- BIO100 - Biology Concepts
OR BIO156 - Human Biology for Allied Health
OR BIO181 - General Biology I

Reading Proficiency

BIO296 - Internship: Biology

Overview

Course Prefix

BIO

Course Number

296

Course Title

Internship: Biology

Degree Attributes

Tuition 2 (1T12)

Course Description

Supervised field experience with businesses, corporations, government agencies, schools and community organizations to expand career interests and apply subject knowledge relevant to the workplace. Individualized internship placements to develop personal and professional skills, including professional ethics, leadership, and civic responsibility.

Prerequisite: Student must have a GPA of 2.0; have completed specific degree requirements as required by the program; and have completed the internship application process. [Repeatable for a total of 6 credit hours towards degree/certificate requirements.] S/U grading only.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

0

Lab Hours

Min:

0

Requisites

Simple Requisites

Type

Prerequisite

Fulfill ALL of the following requirements:

Student must have a GPA of 2.0; have completed specific degree requirements as required by the program; and have completed the internship application process.

BIO299 - Independent Study Biology

Overview

Course Prefix

BIO

Course Number

299

Course Title

Independent Study Biology

Degree Attributes

Tuition 2 (1T12)

Course Description

Supervised special project in this field of study. Approval of supervising Dean is required.

Credit Hours

Credit Hours

Min:

1

Max:

6

Credit Hours

Operator:

TO

Lecture Hours

Min:

0

Lab Hours

Min:

0

BSA102 - Career Search and Success: Skills for Entering and Succeeding in the Workplace

Overview

Course Prefix
BSA

Course Number
102

Course Title

Career Search and Success: Skills for Entering and Succeeding in the Workplace

Degree Attributes

Tuition 2 (1T12)

Course Description

Techniques to enhance and emphasize the relationship between resume development and job search skills. Includes a strong focus on human relations in the workplace.

Credit Hours

Credit Hours

Min:
1

Lecture Hours

Min:
1

Lab Hours

Min:
0

BSA110 - Personal Finance

Overview

Course Prefix
BSA

Course Number
110

Course Title

Personal Finance

Degree Attributes

Tuition 2 (1T12)

Course Description

Information for making personal and family financial decisions. Topics include financial planning, budgeting, saving, credit, insurance, investment, taxes, and retirement.

Credit Hours

Credit Hours

Min:
3

Lecture Hours

Min:
3

Lab Hours

Min:
0

BSA131 - Introduction to Business

Overview

Course Prefix

BSA

Course Number

131

Course Title

Introduction to Business

Degree Attributes

Tuition 2 (1T12)

Course Description

Survey of the Business discipline focusing on key topics, real world examples and guest speakers. An overview of business, global connections in business, economics, marketing, entrepreneurship, and careers in business.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

3

Lab Hours

Min:

0

BSA228 - Professional Productivity Solutions

Overview

Course Prefix

BSA

Course Number

228

Course Title

Professional Productivity Solutions

Degree Attributes

Tuition 2 (1T12)

Course Description

Practical strategies for enhancing productivity using digital word processing tools, spreadsheets, presentations, databases, content management systems, collaboration tools, and emerging technology, preparing students for evolving workplace demands.
Prerequisite: Reading Proficiency.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

3

Lab Hours

Min:

0

Requisites

Simple Requisites

Type

Prerequisite

Fulfill ALL of the following requirements:

Reading Proficiency

BSA237 - Legal Environment of Business

Overview

Course Prefix

BSA

Course Number

237

Course Title

Legal Environment of Business

Degree Attributes

Tuition 2 (1T12)

Course Description

Examination of legal framework governing rules of conduct among businesses and impact on establishing business policy.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

3

Lab Hours

Min:

0

BSA238 - Advanced Professional Productivity Solutions

Overview

Course Prefix

BSA

Course Number

238

Course Title

Advanced Professional Productivity Solutions

Degree Attributes

Tuition 2 (1T12)

Course Description

Apply advanced strategies to enhance productivity using documentation tools, advanced presentation techniques, data visualization, spreadsheets, database management, and emerging technologies. Utilize sophisticated techniques to solve complex business challenges, support decision-making, and improve workplace performance. Prerequisites: Reading Proficiency. BSA 228 and (MAT 142 or ECN 232).

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

3

Lab Hours

Min:

0

Requisites

Simple Requisites

Type Prerequisite
Complete ALL of the following Courses: <ul style="list-style-type: none">• BSA228 - Professional Productivity Solutions• MAT142 - College MathematicsOR ECN232 - Business Statistical Analysis
Reading Proficiency

BSA296 - Internship: Business Administration

Overview

Course Prefix

BSA

Course Number

296

Course Title

Internship: Business Administration

Degree Attributes

Tuition 2 (1T12)

Course Description

Supervised field experience with businesses, corporations, government agencies, schools and community organizations to expand career interests and apply subject knowledge relevant to the workplace. Individualized internship placements to develop personal and professional skills, including professional ethics, leadership, and civic responsibility.

Prerequisite: Student must have a GPA of 2.0; have completed specific degree requirements as required by the program; and have completed the internship application process. [Repeatable for a total of 6 credit hours towards degree/certificate requirements.] S/U grading only.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

0

Lab Hours

Min:

0

Requisites

Simple Requisites

Type

Prerequisite

Fulfill ALL of the following requirements:

Student must have a GPA of 2.0; have completed specific degree requirements as required by the program; and have completed the internship application process.

BSA299 - Independent Study Business

Overview

Course Prefix

BSA

Course Number

299

Course Title

Independent Study Business

Degree Attributes

Tuition 2 (1T12)

Course Description

Supervised special project in this field of study. Approval of supervising Dean is required.

Credit Hours

Credit Hours

Min:

1

Max:

6

Credit Hours

Operator:

TO

Lecture Hours

Min:

0

Lab Hours

Min:

0

BSA300 - Global Environment of Business

Overview

Course Prefix

BSA

Course Number

300

Course Title

Global Environment of Business

Degree Attributes

Tuition 5 (1T15)

Course Description

Essential skills practiced by global business managers to identify opportunities, assess risks, and create organizational value. Cultural, political, legal, ethical, and economic factors are key topics covered. Also includes the impact of management decision-making in a global environment. Prerequisites: Program Admission. ACC 131, BSA 131, BSA 228, ECN 232, and ECN 236.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

3

Lab Hours

Min:

0

Requisites

Simple Requisites

Type

Prerequisite

Complete ALL of the following Courses:

- ACC131 - Principles of Accounting I
- BSA131 - Introduction to Business
- BSA228 - Professional Productivity Solutions
- ECN232 - Business Statistical Analysis
- ECN236 - Principles of Economics-Micro

Program Admission

BSA305 - Principles of Finance

Overview

Course Prefix

BSA

Course Number

305

Course Title

Principles of Finance

Degree Attributes

Tuition 5 (1T15)

Course Description

Key financial concepts and how companies apply financial analysis to make sound business decisions. Prerequisites: Program Admission. ACC 131, BSA 131, BSA 228, ECN 232, and ECN 236.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

3

Lab Hours

Min:

0

Requisites

Simple Requisites

Type

Prerequisite

Complete ALL of the following Courses:

- ACC131 - Principles of Accounting I
- BSA131 - Introduction to Business
- BSA228 - Professional Productivity Solutions
- ECN232 - Business Statistical Analysis
- ECN236 - Principles of Economics-Micro

Program Admission

BSA310 - Logistics and Supply Chain Theory

Overview

Course Prefix

BSA

Course Number

310

Course Title

Logistics and Supply Chain Theory

Degree Attributes

Tuition 5 (1T15)

Course Description

Intermediate concepts of Supply Chain Management and Logistics theory. Emphasis on inventory management, supply distribution, procurement and strategic sourcing, asset management, and risk mitigation techniques. Prerequisites: Program Admission. ACC 131, BSA 131, BSA 228, ECN 232, and ECN 236.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

3

Lab Hours

Min:

0

Requisites

Simple Requisites

Type

Prerequisite

Complete ALL of the following Courses:

- ACC131 - Principles of Accounting I
- BSA131 - Introduction to Business
- BSA228 - Professional Productivity Solutions
- ECN232 - Business Statistical Analysis
- ECN236 - Principles of Economics-Micro

Program Admission

BSA360 - Project Management Essentials

Overview

Course Prefix

BSA

Course Number

360

Course Title

Project Management Essentials

Degree Attributes

Tuition 5 (1T15)

Course Description

Core concepts of project management based on processes of initiating, planning, executing, controlling, and closing projects. Topics include project proposals, project selection, scope definition, CPM and PERT scheduling, budgeting, control techniques, and project manager skills. Prerequisites: Program Admission. ACC 131, BSA 131, BSA 228, ECN 232, and ECN 236.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

3

Lab Hours

Min:

0

Requisites

Simple Requisites

Type

Prerequisite

Complete ALL of the following Courses:

- ACC131 - Principles of Accounting I
- BSA131 - Introduction to Business
- BSA228 - Professional Productivity Solutions
- ECN232 - Business Statistical Analysis
- ECN236 - Principles of Economics-Micro

Program Admission

BSA394 - Mentorship: Business

Overview

Course Prefix

BSA

Course Number

394

Course Title

Mentorship: Business

Degree Attributes

Tuition 5 (1T15)

Course Description

Gain insight into specific industries and markets. Acquire feedback from business professionals on business knowledge, skills, and/or business concepts and strategies. Capitalize on opportunity to broaden industry-specific network, as well as increase applicable knowledge and technical skills. Broaden personal growth while honing personal brand. Prerequisites: Program Admission. ACC 131, BSA 131, BSA 228, ECN 232, and ECN 236.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

0

Lab Hours

Min:

0

Requisites

Simple Requisites

Type

Prerequisite

Complete ALL of the following Courses:

- ACC131 - Principles of Accounting I
- BSA131 - Introduction to Business
- BSA228 - Professional Productivity Solutions
- ECN232 - Business Statistical Analysis
- ECN236 - Principles of Economics-Micro

Program Admission

BSA400 - Business Policy and Strategic Planning

Overview

Course Prefix

BSA

Course Number

400

Course Title

Business Policy and Strategic Planning

Degree Attributes

Tuition 5 (1T15)

Course Description

Introduces key concepts and tools for strategy formulation and competitive analysis. Focuses on the skills and business judgment required to devise strategies that position the firm to maximize long-term profits under conditions of uncertainty and competition. The firm is viewed holistically by integrating policies for each functional area into an overall competitive strategy. Program Admission. ACC 131, BSA 131, BSA 228, ECN 232, and ECN 236.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

3

Lab Hours

Min:

0

Requisites

Simple Requisites

Type

Prerequisite

Complete ALL of the following Courses:

- ACC131 - Principles of Accounting I
- BSA131 - Introduction to Business
- BSA228 - Professional Productivity Solutions
- ECN232 - Business Statistical Analysis
- ECN236 - Principles of Economics-Micro

Program Admission

BSA410 - Business Analytics

Overview

Course Prefix

BSA

Course Number

410

Course Title

Business Analytics

Degree Attributes

Tuition 5 (1T15)

Course Description

Investigation of the role of an Analyst, the growing role of big data, and quantitative strategies. Use of statistical techniques for analyzing data for decision-making, answering business questions, and solving problems. Prerequisites: Program Admission. ACC 131, BSA 131, BSA 228, ECN 232, and ECN 236.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

3

Lab Hours

Min:

0

Requisites

Simple Requisites

Type

Prerequisite

Complete ALL of the following Courses:

- ACC131 - Principles of Accounting I
- BSA131 - Introduction to Business
- BSA228 - Professional Productivity Solutions
- ECN232 - Business Statistical Analysis
- ECN236 - Principles of Economics-Micro

Program Admission

BSA494 - Capstone Project: Business

Overview

Course Prefix

BSA

Course Number

494

Course Title

Capstone Project: Business

Degree Attributes

Tuition 5 (1T15)

Course Description

Students will engage in a supervised project or case study, applying business concepts and theories from previous coursework. Under faculty guidance, students will address a real-world business challenge, develop a business plan, or explore a business concept. The capstone experience emphasizes critical thinking, problem-solving, and evaluation of business solutions in a practical context. S/U grading only. Prerequisites: Program Admission. BSA 394.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

0

Lab Hours

Min:

0

Requisites

Simple Requisites

Type

Prerequisite

Complete ALL of the following Courses:

- BSA394 - Mentorship: Business

Program Admission

BSA495 - Research Project: Business

Overview

Course Prefix

BSA

Course Number

495

Course Title

Research Project: Business

Degree Attributes

Tuition 5 (1T15)

Course Description

Students will engage in an independent research project under the supervision of a faculty advisor, applying business concepts and research methods from previous coursework. With faculty guidance, students will identify a research problem, conduct a literature review, and apply research methodology to prepare a comprehensive report. The course culminates in a comprehensive research paper and presentation. S/U grading only. Prerequisites: Program Admission. BSA 394.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

0

Lab Hours

Min:

0

Requisites

Simple Requisites

Type

Prerequisite

Complete ALL of the following Courses:

- BSA394 - Mentorship: Business

Program Admission

BSA496 - Internship Capstone: Business

Overview

Course Prefix

BSA

Course Number

496

Course Title

Internship Capstone: Business

Degree Attributes

Tuition 5 (1T15)

Course Description

Senior-level supervised field experience intended to build upon previous coursework, linking the theoretical with day-to-day practical applications by applying subject knowledge relevant to the workplace. Under the guidance of a faculty member and organization/industry representative, students will establish specific learning objectives and goals. Prerequisites: Program Admission. BSA 394. [S/U grading only.]

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

0

Lab Hours

Min:

0

Requisites

Simple Requisites

Type

Prerequisite

Complete ALL of the following Courses:

- BSA394 - Mentorship: Business

Program Admission

CBT100 - Basic Carpentry I

Overview

Course Prefix

CBT

Course Number

100

Course Title

Basic Carpentry I

Degree Attributes

Tuition 2 (1T12)

Course Description

Introduction to carpentry safety, hand and power tool operation, blueprint reading, materials, and layout. Hands-on experience in cutting, fastening, footings, framing, assembly, door/window installation, flooring, and finishing.

Credit Hours

Credit Hours

Min:

8

Lecture Hours

Min:

1

Lab Hours

Min:

14

CBT101 - Plan Reading, Drawings, and Codes

Overview

Course Prefix

CBT

Course Number

101

Course Title

Plan Reading, Drawings, and Codes

Degree Attributes

Tuition 2 (1T12)

Course Description

Interpreting construction drawings and documents. Topics include sizing, selecting materials, and calculating code requirements. Provides the opportunity for students to certify in OSHA 10.

Credit Hours

Credit Hours

Min:

2

Lecture Hours

Min:

1

Lab Hours

Min:

3

CBT102 - Framing I

Overview

Course Prefix

CBT

Course Number

102

Course Title

Framing I

Degree Attributes

Tuition 2 (1T12)

Course Description

An introductory course in the methods and materials necessary to build a wood framed building. Includes hands-on practice in the framing of floors, walls, and ceilings.

Credit Hours

Credit Hours

Min:

2

Lecture Hours

Min:

1

Lab Hours

Min:

3

CBT103 - Masonry & Concrete

Overview

Course Prefix

CBT

Course Number

103

Course Title

Masonry & Concrete

Degree Attributes

Tuition 2 (1T12)

Course Description

Introduces concrete and masonry finishes for residential builds.

Credit Hours

Credit Hours

Min:

2

Lecture Hours

Min:

1

Lab Hours

Min:

3

CBT104 - Framing II

Overview

Course Prefix

CBT

Course Number

104

Course Title

Framing II

Degree Attributes

Tuition 2 (1T12)

Course Description

Reinforcement of skills learned in Framing I with hands-on practice in the framing of roofs, walls and stairs.

Credit Hours

Credit Hours

Min:

2

Lecture Hours

Min:

1

Lab Hours

Min:

3

CBT105 - Interior Finishes

Overview

Course Prefix

CBT

Course Number

105

Course Title

Interior Finishes

Degree Attributes

Tuition 2 (1T12)

Course Description

Introduction to the safe use of hand and power tools used for finish carpentry. Lab work includes installing interior finishes to a structure using techniques.

Credit Hours

Credit Hours

Min:

2

Lecture Hours

Min:

1

Lab Hours

Min:

3

CBT106 - Remodeling

Overview

Course Prefix

CBT

Course Number

106

Course Title

Remodeling

Degree Attributes

Tuition 2 (1T12)

Course Description

Preparation for home improvement projects. Emphasis on basic carpentry and interior remodeling techniques including training with common remodeling tools, wood framed systems, tile, drywall, and paint improvements.

Credit Hours**Credit Hours****Min:**

2

Lecture Hours**Min:**

1

Lab Hours**Min:**

3

CBT107 - Exterior Finishes

Overview

Course Prefix

CBT

Course Number

107

Course Title

Exterior Finishes

Degree Attributes

Tuition 2 (1T12)

Course Description

Information and techniques involved in choosing, preparing and installing a variety of different exterior wall, roof, door and window finishes, relating to residential construction.

Credit Hours**Credit Hours****Min:**

2

Lecture Hours**Min:**

1

Lab Hours**Min:**

3

CBT108 - Trim Work

Overview

Course Prefix

CBT

Course Number

108

Course Title

Trim Work

Degree Attributes

Tuition 2 (1T12)

Course Description

A wide variety of projects and technical information that will provide the experience of installing interior trim, cabinets, and hardware.

Credit Hours

Credit Hours

Min:

2

Lecture Hours

Min:

1

Lab Hours

Min:

3

CBT110 - Basic Carpentry II

Overview

Course Prefix

CBT

Course Number

110

Course Title

Basic Carpentry II

Degree Attributes

Tuition 2 (1T12)

Course Description

Reinforcement of skills learned in Basic Carpentry I with hands-on experience in cutting, fastening, footings, framing, assembly, door/window installation, flooring, and finishing. Prerequisite: CBT 100.

Credit Hours

Credit Hours

Min:

8

Lecture Hours

Min:

1

Lab Hours

Min:

14

Requisites

Simple Requisites

Type

Prerequisite

Complete ALL of the following Courses:

- CBT100 - Basic Carpentry I

CBT111 - Basic Electricity for the Trades

Overview

Course Prefix

CBT

Course Number

111

Course Title

Basic Electricity for the Trades

Degree Attributes

Tuition 2 (1T12)

Course Description

Basic principles of electricity, tools and work site safety training.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

2

Lab Hours

Min:

3

CBT112 - Plumbing Codes & Standards, Blueprint, and Design

Overview

Course Prefix

CBT

Course Number

112

Course Title

Plumbing Codes & Standards, Blueprint, and Design

Degree Attributes

Tuition 2 (1T12)

Course Description

Introduction to reading, interpreting, and applying plumbing blueprints on the jobsite, including basic understanding of plumbing-specific symbols. Focuses on plumbing codes and standards, and how code requirements apply to plumbing drawings. Also includes plumbing mathematics and how to apply it to on-the-job situations.

Credit Hours

Credit Hours

Min:

2

Lecture Hours

Min:

1

Lab Hours

Min:

2

CBT114 - Blueprint Reading and Electrical Codes

Overview

Course Prefix
CBT

Course Number
114

Course Title
Blueprint Reading and Electrical Codes

Degree Attributes
Tuition 2 (1T12)

Course Description
Use NEC as a guide for the safe installation of electrical equipment. Emphasizes charts, rulings, wire methods and state and local regulations.

Credit Hours

Credit Hours

Min:
3

Lecture Hours

Min:
2

Lab Hours

Min:
3

CBT115 - Residential Wiring Techniques

Overview

Course Prefix
CBT

Course Number
115

Course Title
Residential Wiring Techniques

Degree Attributes
Tuition 2 (1T12)

Course Description

Hands-on training in residential electrical systems, covering safe tool usage, load calculations, circuit testing, installation of fixtures, and energy-efficient practices, all while adhering to relevant codes and regulations.

Credit Hours

Credit Hours

Min:
3

Lecture Hours

Min:
2

Lab Hours

Min:
3

CBT116 - Conduits and Raceways

Overview

Course Prefix

CBT

Course Number

116

Course Title

Conduits and Raceways

Degree Attributes

Tuition 2 (1T12)

Course Description

Layout, bending and assembly of electrical systems.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

2

Lab Hours

Min:

3

CBT117 - Advanced Residential Wiring

Overview

Course Prefix

CBT

Course Number

117

Course Title

Advanced Residential Wiring

Degree Attributes

Tuition 2 (1T12)

Course Description

Complex electrical systems and advanced installation techniques.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

2

Lab Hours

Min:

3

CBT118 - Electrical Troubleshooting and Maintenance

Overview

Course Prefix
CBT

Course Number
118

Course Title
Electrical Troubleshooting and Maintenance

Degree Attributes
Tuition 2 (1T12)

Course Description
Diagnose, repair and maintain electrical systems.

Credit Hours

Credit Hours

Min:
3

Lecture Hours

Min:
2

Lab Hours

Min:
3

CBT119 - Commercial Wiring Techniques

Overview

Course Prefix
CBT

Course Number
119

Course Title
Commercial Wiring Techniques

Degree Attributes
Tuition 2 (1T12)

Course Description
Focus on installation methods, efficient system design and code compliance.

Credit Hours

Credit Hours

Min:
3

Lecture Hours

Min:
2

Lab Hours

Min:
3

CBT120 - Basic Residential Plumbing

Overview

Course Prefix

CBT

Course Number

120

Course Title

Basic Residential Plumbing

Degree Attributes

Tuition 2 (1T12)

Course Description

Basic knowledge and skills used in the residential plumbing trade. Includes safety, materials, measurement, and installation of water, waste, and gas plumbing systems.

Credit Hours

Credit Hours

Min:

5

Lecture Hours

Min:

3

Lab Hours

Min:

4

CBT121 - Solar Applications for Electricians

Overview

Course Prefix

CBT

Course Number

121

Course Title

Solar Applications for Electricians

Degree Attributes

Tuition 2 (1T12)

Course Description

Installation, maintenance and troubleshooting of solar energy systems.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

2

Lab Hours

Min:

3

CBT212 - Drain, Waste, and Vent Systems

Overview

Course Prefix

CBT

Course Number

212

Course Title

Drain, Waste, and Vent Systems

Degree Attributes

Tuition 2 (1T12)

Course Description

Introduction to plumbing drain, waste, and vent systems. Exploration of alternative waste systems and plumbing supply systems.

Credit Hours

Credit Hours

Min:

1

Lecture Hours

Min:

0

Lab Hours

Min:

2

CBT296 - Internship: Construction Building Technology

Overview

Course Prefix

CBT

Course Number

296

Course Title

Internship: Construction Building Technology

Degree Attributes

Tuition 2 (1T12)

Course Description

Supervised field experience with businesses, corporations, government agencies, schools and community organizations to expand career interests and apply subject knowledge relevant to the workplace. Individualized internship placements to develop personal and professional skills, including professional ethics, leadership, and civic responsibility. [Repeatable for a total of 6 credit hours toward degree/certificate requirements.] S/U grading only. Prerequisites: Student must have a GPA of 2.0; have completed specific degree requirements as required by the program; and have completed the internship application process.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

0

Lab Hours

Min:

0

Requisites

Simple Requisites

Type

Prerequisite

Fulfill ALL of the following requirements:

Student must have a GPA of 2.0; have completed specific degree requirements as required by the program; and have completed the internship application process.

CBT299 - Independent Study

Overview

Course Prefix

CBT

Course Number

299

Course Title

Independent Study

Degree Attributes

Tuition 2 (1T12)

Course Description

Supervised special project in this field of study. Approval of supervising Division Dean is required.

Credit Hours

Credit Hours

Min:

1

Max:

6

Credit Hours

Operator:

TO

Lecture Hours

Min:

0

Lab Hours

Min:

0

CDT200 - Commercial Driver Refresher/Extender

Overview

Course Prefix

CDT

Course Number

200

Course Title

Commercial Driver Refresher/Extender

Degree Attributes

Tuition 2 (1T12)

Course Description

Designed for the student who currently holds a Commercial Class A or B permit or license with driving experience. Hands on and classroom instruction provide additional training for the commercial driver to polish their road skills and brush up on the rules of the road. Behind the wheel training, pre-trip, intersections, cargo, log books, city driving.

Credit Hours

Credit Hours

Min:

2

Lecture Hours

Min:

1

Lab Hours

Min:

2

CDT250 - Commercial License Prep

Overview

Course Prefix

CDT

Course Number

250

Course Title

Commercial License Prep

Degree Attributes

Tuition 2 (1T12)

Course Description

Preparation for the state commercial drivers license (CDL) permit exam covering the General Knowledge exam, Air Brake exam, and Combination exam. Includes hours of driver service, coupling and uncoupling a tractor and trailer, cargo handling, hazardous materials, pre-trip inspection, braking maneuvers, and trip planning. Following the AZ CDL Permit exam, topics include managing a professional driver's life, managing speed and space effectively, and road and weather condition response. Must be at least 18 years of age, have a valid Driver's License (held for at least one year), pass a state-approved physical exam, and show proof of legal presence in the U.S. Students wishing to drive across state lines must be 21 years of age or older.

Student will be responsible for paying all fees associated with the ADOT medical certification and permit. Disclaimer: Completion of this course does not guarantee Class A licensure. You may need to enroll in an additional course to achieve competency required to pass ADOT Road Exam.

Credit Hours

Credit Hours

Min:

1

Lecture Hours

Min:

1

Lab Hours

Min:

0

CDT255 - Commercial Behind the Wheel

Overview

Course Prefix

CDT

Course Number

255

Course Title

Commercial Behind the Wheel

Degree Attributes

Tuition 2 (1T12)

Course Description

Demonstration and skill development of basic maneuvers of driving a combination vehicle. Driving proficiency development includes performing Pre-Trip Inspection to FMCSA Standards, basic control skills in backing, and operation of a Class A vehicle on public roadways. Also includes proper techniques for performing visual search, shifting, turning, space and speed management, and hazard perception. Preparation for Commercial Driver's License (CDL) skill examination. Student will be responsible for all fees associated with the ADOT CDL Road Test. A-F grading only. Prerequisite: CDT 250 or a valid CDL A Permit.

Disclaimer: Completion of this course does not guarantee Class A licensure. You may need to enroll in an additional course to achieve competency required to pass ADOT Road Exam.

Credit Hours

Credit Hours

Min:

17

Lecture Hours

Min:

9

Lab Hours

Min:

16

Requisites

Simple Requisites

<p>Type Prerequisite</p> <p>Complete ANY of the following Courses:</p> <ul style="list-style-type: none"> • CDT250 - Commercial License Prep <p>OR and valid CDLA permit.</p>

CDT299 - Independent Study Commercial Driver Training

Overview

Course Prefix
CDT

Course Number
299

Course Title

Independent Study Commercial Driver Training

Degree Attributes

Tuition 2 (1T12)

Course Description

Supervised special project in this field of study. Approval of supervising Dean is required.

Credit Hours

Credit Hours

Min:
1

Max:
6

**Credit Hours
Operator:**
TO

Lecture Hours

Min:
0

Lab Hours

Min:
0

CHM130 - Fundamental Chemistry

Overview

Course Prefix
CHM

Course Number
130

Course Title

Fundamental Chemistry

Degree Attributes

Physical & Biol Science (AGEC) (PBS), SUN# CHM 1130 (Z013), Scientific Lit (2021-99) (SLC), Tuition 2 (1T12)

Course Description

Introduction to the study of chemistry as a basis for understanding our complicated world. Overview of classification, structure, and chemical behavior, including inorganic, organic, and biological materials. Prerequisite: MAT 092 or one year of high school algebra or satisfactory score on mathematics skills assessment. Reading Proficiency.

Credit Hours

Credit Hours

Min:
4

Lecture Hours

Min:
3

Lab Hours

Min:
3

Requisites

Simple Requisites

Type

Prerequisite

Fulfill ANY of the following requirements:

MAT092 Beginning Algebra **OR** one year of high school algebra **OR** satisfactory score on mathematics skills assessment. Reading Proficiency.

CHM151 - General Chemistry I

Overview

Course Prefix

CHM

Course Number

151

Course Title

General Chemistry I

Degree Attributes

Physical & Biol Science (AGEC) (PBS), SUN# CHM 1151 (Z014), Scientific Lit (2021-99) (SLC), Tuition 2 (1T12)

Course Description

Exploration of chemical measurement, classification, stoichiometry, and structure/function relationships for inorganic, organic and biological materials. Chemical principles are presented at a level appropriate for science majors and pre-professional students. Prerequisite: MAT 097 or higher or two years of high school algebra. Reading Proficiency.

Credit Hours

Credit Hours

Min:

4

Lecture Hours

Min:

3

Lab Hours

Min:

3

Requisites

Simple Requisites

Type

Prerequisite

Fulfill ANY of the following requirements:

MAT097 Intermediate Algebra OR higher OR two years of high school algebra.
Reading Proficiency.

CHM152 - General Chemistry II

Overview

Course Prefix

CHM

Course Number

152

Course Title

General Chemistry II

Degree Attributes

Physical & Biol Science (AGEC) (PBS), SUN# CHM 1152 (Z015), Scientific Lit (2021-99) (SLC), Tuition 2 (1T12)

Course Description

Advanced topics in general chemistry including chemical kinetics, equilibrium, acid-base, and electrochemistry. Chemical principles are presented at a level appropriate for science majors and pre-professional students. Prerequisite: CHM 151.

Credit Hours

Credit Hours

Min:

4

Lecture Hours

Min:

3

Lab Hours

Min:

3

Requisites

Simple Requisites

Type

Prerequisite

Complete ALL of the following Courses:

- CHM151 - General Chemistry I

CHM196 - Directed Research Chemistry

Overview

Course Prefix

CHM

Course Number

196

Course Title

Directed Research Chemistry

Degree Attributes

Tuition 2 (1T12)

Course Description

Faculty or mentor directed student research in an area of current scientific investigation culminating in a final report, paper, or presentation. Students will work in the lab or in the field to gain the intellectual, technical, and practical skills necessary to further the knowledge base in an area of scientific investigation with the objective of contributing to the professional body of scientific knowledge.

Credit Hours

Credit Hours

Min:

1

Max:

3

Credit Hours

Operator:

TO

Lecture Hours

Min:

0

Lab Hours

Min:

0

CHM296 - Internship: Chemistry

Overview

Course Prefix

CHM

Course Number

296

Course Title

Internship: Chemistry

Degree Attributes

Tuition 2 (1T12)

Course Description

Supervised field experience with businesses, corporations, government agencies, schools and community organizations to expand career interests and apply subject knowledge relevant to the workplace. Individualized internship placements to develop personal and professional skills, including professional ethics, leadership, and civic responsibility. Prerequisite: Student must have a GPA of 2.0; have completed specific degree requirements as required by the program; and have completed the internship application process. [Repeatable for a total of 6 credit hours towards degree/certificate requirements.] S/U grading only.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

0

Lab Hours

Min:

0

Requisites

Simple Requisites

Type

Prerequisite

Fulfill ALL of the following requirements:

Student must have a GPA of 2.0 ; have completed specific degree requirements as required by the program; and have completed the internship application process.

CHM299 - Independent Study Chemistry

Overview

Course Prefix
CHM

Course Number
299

Course Title
Independent Study Chemistry

Degree Attributes
Tuition 2 (1T12)

Course Description
Supervised special project in this field of study. Approval of supervising Dean is required.

Credit Hours

Credit Hours

Min:
1

Max:
6

Credit Hours Operator:
TO

Lecture Hours

Min:
0

Lab Hours

Min:
0

CHP190 - Honors Colloquium

Overview

Course Prefix
CHP

Course Number
190

Course Title
Honors Colloquium

Course Description
Critical thinking topics for College Honors Program participants. [Repeatable for a total of 4 credit hours towards degree/certificate requirements.]. Prerequisite: Admission to the College Honors Program, Reading Proficiency.

Credit Hours

Credit Hours

Min:
1

Lecture Hours

Min:
1

Lab Hours

Min:
1

Requisites

Simple Requisites

<p>Type Prerequisite</p>
<p>Fulfill ALL of the following requirements: Admission to the College Honors Program, Reading Proficiency.</p>

CHP230H - Leadership Development Studies Honors

Overview

Course Prefix
CHP

Course Number
230H

Course Title

Leadership Development Studies Honors

Degree Attributes

Social & Behavioral Sciences (SBS)

Course Description

Designed to provide emerging and existing leaders the opportunity to explore the concept of leadership and to develop and improve their leadership skills. The course integrates readings from the humanities, experiential exercises, films, and contemporary readings on leadership. Prerequisites: Acceptance into Honors Program.

Credit Hours

Credit Hours

Min:
3

Lecture Hours

Min:
3

Lab Hours

Min:
0

Requisites

Simple Requisites

Prerequisite

Type

Prerequisite

Fulfill ALL of the following requirements:

Acceptance into Honors Program.

CHP296 - Internship: College Honors

Overview

Course Prefix
CHP

Course Number
296

Course Title

Internship: College Honors

Course Description

Supervised field experience with businesses, corporations, government agencies, schools and community organizations to expand career interests and apply subject knowledge relevant to the workplace. Individualized internship placements to develop personal and professional skills, including professional ethics, leadership, and civic responsibility. Prerequisite: Student must have a GPA of 2.0; have completed specific degree requirements as required by the program; and have completed the internship application process. [Repeatable for a total of 6 credit hours towards degree/certificate requirements.] S/U grading only.

Credit Hours

Credit Hours

Min:
3

Lecture Hours

Min:
0

Lab Hours

Min:
0

Requisites

Simple Requisites

Type

Prerequisite

Fulfill ALL of the following requirements:

Student must have a GPA of 2.0; have completed specific degree requirements as required by the program; and have completed the internship application process.

CHP299 - Independent Study College Honors

Overview

Course Prefix
CHP

Course Number
299

Course Title
Independent Study College Honors

Course Description
Supervised special project in this field of study. Approval of supervising Dean is required.

Credit Hours

Credit Hours

Min:
1

Max:
6

**Credit Hours
Operator:**
TO

Lecture Hours

Min:
0

Lab Hours

Min:
0

CNC101 - CNC Machine Operator

Overview

Course Prefix
CNC

Course Number
101

Course Title
CNC Machine Operator

Degree Attributes
Tuition 2 (1T12)

Course Description
Basic principles and operative skills in the operation of CNC milling machine and lathes.

Credit Hours

Credit Hours

Min:
2

Lecture Hours

Min:
1

Lab Hours

Min:
3

CNC102 - CNC Machine Setup

Overview

Course Prefix
CNC

Course Number
102

Course Title
CNC Machine Setup

Degree Attributes
Tuition 2 (1T12)

Course Description

Basic principles and operative skills to set up and operate through 1st. article part CNC mills and lathes. Prerequisite: CNC 101.

Credit Hours

Credit Hours

Min:
2

Lecture Hours

Min:
1

Lab Hours

Min:
3

Requisites

Simple Requisites

Type
Prerequisite

Complete ALL of the following Courses:

- CNC101 - CNC Machine Operator

CNC198 - CNC Topics:

Overview

Course Prefix
CNC

Course Number
198

Course Title
CNC Topics:

Degree Attributes
Tuition 2 (1T12)

Course Description

Exploration of CNC topics outside of our standard curriculum.

Credit Hours

Credit Hours

Min:
1

Max:
3

Credit Hours Operator:
TO

Lecture Hours

Min:
0

Lab Hours

Min:
0

CNC201 - Computer Aided Programming for CNC

Overview

Course Prefix
CNC

Course Number
201

Course Title

Computer Aided Programming for CNC

Degree Attributes

Tuition 2 (1T12)

Course Description

Two-dimensional designing of machinery parts using industry-standard software. Includes design and illustration of the part, tooling sequencing, starting a lathe using industry-standard software, part cutting simulation, and Numerical Control Code. Prerequisite: CNC 101 (may be taken concurrently).

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

2

Lab Hours

Min:

2

Requisites

Simple Requisites

Type

Prerequisite

Complete ALL of the following Courses:

- CNC101 - CNC Machine Operator

Prerequisite course may be taken concurrently with CNC201.

CNC202 - 3-D Programming and Rapid Prototyping for CNC

Overview

Course Prefix
CNC

Course Number
202

Course Title

3-D Programming and Rapid Prototyping for CNC

Degree Attributes

Tuition 2 (1T12)

Course Description

Basic principles of 3-D programming and rapid prototyping for modern manufacturing applications. Prerequisite: CNC 201.

Credit Hours

Credit Hours

Min:

4

Lecture Hours

Min:

3

Lab Hours

Min:

3

Requisites

Simple Requisites

Type

Prerequisite

Complete ALL of the following Courses:

- CNC201 - Computer Aided Programming for CNC

CNC260 - Advanced Multi-Axis CNC Machining

Overview

Course Prefix

CNC

Course Number

260

Course Title

Advanced Multi-Axis CNC Machining

Degree Attributes

Tuition 2 (1T12)

Course Description

Advanced principles of multi-axis machining and multi-axis programming. Prerequisite: CNC 202 or instructor permission

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

1

Lab Hours

Min:

6

Requisites

Simple Requisites

Prerequisite

Type

Prerequisite

Complete ALL of the following Courses:

- CNC202 - 3-D Programming and Rapid Prototyping for CNC

OR Instructor Permission.

CNC299 - Independent Study Computer Numerical Control

Overview

Course Prefix

CNC

Course Number

299

Course Title

Independent Study Computer Numerical Control

Degree Attributes

Tuition 2 (1T12)

Course Description

Supervised special project in this field of study. Approval of supervising Division Dean is required.

Credit Hours

Credit Hours

Min:

1

Max:

6

Credit Hours

Operator:

TO

Lecture Hours

Min:

0

Lab Hours

Min:

0

CNT101 - Networking and Cybersecurity Fundamentals

Overview

Course Prefix
CNT

Course Number
101

Course Title

Networking and Cybersecurity Fundamentals

Degree Attributes

Tuition 2 (1T12)

Course Description

Essential skills practiced in the networking and cybersecurity professions. Network device operation and configuration, network protocols, network security, and troubleshooting are key topics of discussion with hands-on activities. The latest networking standards and technologies are covered.

Credit Hours

Credit Hours

Min:
4

Lecture Hours

Min:
3

Lab Hours

Min:
2

CNT105 - Cybersecurity Principles

Overview

Course Prefix
CNT

Course Number
105

Course Title

Cybersecurity Principles

Degree Attributes

Tuition 2 (1T12)

Course Description

Foundation knowledge and essential skills in all security domains in the cyber world - information security, systems security, network security, mobile security, physical security, ethics and laws, related technologies, defense and mitigation techniques used in protecting businesses.

Credit Hours

Credit Hours

Min:
3

Lecture Hours

Min:
2

Lab Hours

Min:
2

CNT110 - A+ Computer Technician Certification

Overview

Course Prefix

CNT

Course Number

110

Course Title

A+ Computer Technician Certification

Degree Attributes

Tuition 2 (1T12)

Course Description

Install, configure, support, and troubleshoot personal computers. Emphasis on personal computer hardware and software, operating systems, networking, mobile devices, and security. Preparation for the Comp TIA A+ Certification exam.

Credit Hours

Credit Hours

Min:

4

Lecture Hours

Min:

3

Lab Hours

Min:

3

CNT118 - Operating System Fundamentals

Overview

Course Prefix

CNT

Course Number

118

Course Title

Operating System Fundamentals

Degree Attributes

Tuition 2 (1T12)

Course Description

An introduction to operating system concepts and functions. Topics include memory management, processes and threads, file systems, networking, virtualization, and operating system security. Prerequisite: CNT101 or CNT110.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

2

Lab Hours

Min:

2

Requisites

Simple Requisites

Type

Prerequisite

Complete ALL of the following Courses:

- CNT101 - Networking and Cybersecurity Fundamentals
OR CNT110 - A+ Computer Technician Certification

CNT120 - Introduction to Windows Server

Overview

Course Prefix

CNT

Course Number

120

Course Title

Introduction to Windows Server

Degree Attributes

Tuition 2 (1T12)

Course Description

Introduction to the Windows Server line of network operating systems. Topics include installation, file systems, networking, directory services, file and printer sharing, and security. Extensive hands-on exercises with realistic scenarios to help students apply new concepts and sharpen problem-solving skills. Prerequisite: CNT 101 or CNT 110.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

2

Lab Hours

Min:

3

Requisites

Simple Requisites

Type

Completion Requirement

Complete ALL of the following Courses:

- CNT101 - Networking and Cybersecurity Fundamentals
OR CNT110 - A+ Computer Technician Certification

CNT131 - Linux System Administration

Overview

Course Prefix

CNT

Course Number

131

Course Title

Linux System Administration

Degree Attributes

Tuition 2 (1T12)

Course Description

Installation, management, and support of the Linux operating system. Advanced topics including disk management, configuration of network services, and security. Prerequisite: CNT 118

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

2

Lab Hours

Min:

3

Requisites

Simple Requisites

Type

Completion Requirement

Complete ALL of the following Courses:

- CNT118 - Operating System Fundamentals

CNT135 - Security+:Implement and Maintain Network Security

Overview

Course Prefix
CNT

Course Number
135

Course Title

Security+:Implement and Maintain Network Security

Degree Attributes

Tuition 2 (1T12)

Course Description

Network security concepts, communication security, network infrastructure security, basics of cryptography and operational/organizational security. Emphasis on network authentication and authorization, securing network devices and services, virus remedies, preventing network attacks, and securing remote access. Prepares students for the Comp/TIA Security+ certification. Prerequisite: CNT 105 or CNT 110.

Credit Hours

Credit Hours

Min:
3

Lecture Hours

Min:
2

Lab Hours

Min:
3

Requisites

Simple Requisites

Type

Prerequisite

Complete ALL of the following Courses:

- CNT105 - Cybersecurity Principles
OR CNT110 - A+ Computer Technician Certification

CNT140 - Cisco Routing and Switching I

Overview

Course Prefix
CNT

Course Number
140

Course Title

Cisco Routing and Switching I

Degree Attributes

Tuition 2 (1T12)

Course Description

Study of computer networking standards and operation. Includes network topologies, network protocols and communications, network addressing, network device configuration, network design, and network security. First of three courses to prepare students to pass the Cisco Certified Network Associate (CCNA) certification examination. Prerequisite: CNT 101

Credit Hours

Credit Hours

Min:
4

Lecture Hours

Min:
3

Lab Hours

Min:
2

Requisites

Simple Requisites

Type

Prerequisite

Complete ALL of the following Courses:

- CNT101 - Networking and Cybersecurity Fundamentals

CNT150 - Cisco Routing and Switching II

Overview

Course Prefix

CNT

Course Number

150

Course Title

Cisco Routing and Switching II

Degree Attributes

Tuition 2 (1T12)

Course Description

Network routing and switching concepts and configuration. Includes static and dynamic routing, switch and VLAN configuration, LAN security, wireless LAN configuration, and router troubleshooting. Second of three courses to prepare students to pass the Cisco Certified Network Associate (CCNA) certification examination. Prerequisite: CNT 140

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

2

Lab Hours

Min:

2

Requisites

Simple Requisites

Type

Prerequisite

Complete ALL of the following Courses:

- CNT140 - Cisco Routing and Switching I

CNT160 - Cisco Routing and Switching III

Overview

Course Prefix

CNT

Course Number

160

Course Title

Cisco Routing and Switching III

Degree Attributes

Tuition 2 (1T12)

Course Description

Network routing protocols, router and protocol security, network management and design concepts in a medium to large network. Includes configuration and troubleshooting of dynamic routing protocols, WAN concepts, access control and network address translation. Network virtualization and automation concepts are also discussed. Third of three courses to prepare students to pass the Cisco Certified Network Associate (CCNA) certification examination. Prerequisite: CNT 150.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

2

Lab Hours

Min:

2

Requisites

Simple Requisites

Type

Prerequisite

Complete ALL of the following Courses:

- CNT150 - Cisco Routing and Switching II

CNT190 - Programming and Scripting for Network Admins

Overview

Course Prefix
CNT

Course Number
190

Course Title
Programming and Scripting for Network Admins

Degree Attributes
Tuition 2 (1T12)

Course Description
Structured programming and scripting introduction with emphasis on application to network and server administration. Topics include algorithms, problem solving, Boolean logic, variables, control structures, and secure coding concepts. Python and PowerShell languages are covered. Prerequisite: CNT 101

Credit Hours

Credit Hours

Min:
3

Lecture Hours

Min:
2

Lab Hours

Min:
2

Requisites

Simple Requisites

Type
Prerequisite

- Complete ALL of the following Courses:**
- CNT101 - Networking and Cybersecurity Fundamentals

CNT235 - Cybersecurity Operations

Overview

Course Prefix
CNT

Course Number
235

Course Title
Cybersecurity Operations

Degree Attributes
Tuition 2 (1T12)

Course Description
Advanced network security concepts and techniques used in a Security Operations Center (SOC) to find threats on a network using a variety of popular security tools. Preparation for Cisco Certified CyberOps Associate certification. Prerequisite: CNT 135 and CNT 150.

Credit Hours

Credit Hours

Min:
3

Lecture Hours

Min:
2

Lab Hours

Min:
3

Requisites

Simple Requisites

Type
Prerequisite

- Complete ALL of the following Courses:**
- CNT135 - Security+: Implement and Maintain Network Security
 - CNT150 - Cisco Routing and Switching II

CNT250 - Securing Network Devices

Overview

Course Prefix

CNT

Course Number

250

Course Title

Securing Network Devices

Degree Attributes

Tuition 2 (1T12)

Course Description

Advanced course on installation, configuration and operation of network security on Cisco routers and firewalls: AAA, access control, intrusion detection, NAT, and VPNs. Prerequisite: CNT 150.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

2

Lab Hours

Min:

3

Requisites

Simple Requisites

Type

Prerequisite

Complete ALL of the following Courses:

- CNT150 - Cisco Routing and Switching II

CNT260 - Cybersecurity Forensics

Overview

Course Prefix

CNT

Course Number

260

Course Title

Cybersecurity Forensics

Degree Attributes

Tuition 2 (1T12)

Course Description

Application of cybersecurity forensics techniques with a focus on investigating and analyzing network traffic and understanding legal requirements. Use of common digital forensics tools to gather, analyze and preserve evidence in response to an incident. Prerequisite: CNT 118 and CNT 135.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

2

Lab Hours

Min:

2

Requisites

Simple Requisites

Type

Prerequisite

Complete ALL of the following Courses:

- CNT118 - Operating System Fundamentals
- CNT135 - Security+:Implement and Maintain Network Security

CNT275 - Penetration Testing and Vulnerability Assessment

Overview

Course Prefix
CNT

Course Number
275

Course Title

Penetration Testing and Vulnerability Assessment

Degree Attributes

Tuition 2 (1T12)

Course Description

Penetration testing and vulnerability assessment of computer networks. Learn to set up a cybersecurity lab for practicing information gathering and identifying and exploiting vulnerabilities. Ethical considerations, careers in ethical hacking, frameworks, and methodologies are examined. Prerequisite: CNT135 and CNT190.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

2

Lab Hours

Min:

3

Requisites

Simple Requisites

Type

Prerequisite

Complete ALL of the following Courses:

- CNT135 - Security+:Implement and Maintain Network Security
- CNT190 - Programming and Scripting for Network Admins

CNT293 - CNT Project: Cybersecurity

Overview

Course Prefix
CNT

Course Number
293

Course Title

CNT Project: Cybersecurity

Degree Attributes

Tuition 2 (1T12)

Course Description

Incorporation of project design, project system analysis, and technology applications with a focus on cybersecurity. Prerequisite: CNT 235 and CNT 250 and CNT 260 (may be taken concurrently).

Credit Hours

Credit Hours

Min:

2

Lecture Hours

Min:

2

Lab Hours

Min:

0

Requisites

Simple Requisites

Type

Prerequisite

Complete ALL of the following Courses:

- CNT235 - Cybersecurity Operations
- CNT250 - Securing Network Devices
- CNT260 - Cybersecurity Forensics

Courses may be taken concurrently.

CNT294 - CNT Project

Overview

Course Prefix

CNT

Course Number

294

Course Title

CNT Project

Degree Attributes

Tuition 2 (1T12)

Course Description

Incorporation of project design, project system analysis, and technology applications.

Credit Hours

Credit Hours

Min:

2

Lecture Hours

Min:

2

Lab Hours

Min:

0

CNT296 - Internship: Computer Networking Tech

Overview

Course Prefix

CNT

Course Number

296

Course Title

Internship: Computer Networking Tech

Degree Attributes

Tuition 2 (1T12)

Course Description

Supervised field experience with businesses, corporations, government agencies, schools and community organizations to expand career interests and apply subject knowledge relevant to the workplace. Individualized internship placements to develop personal and civic responsibility. Prerequisite: Student must have a GPA of 2.0; have completed specific degree or certificate requirements as required by the program; and have completed the internship application process. [Repeatable for a total of 6 credit hours towards degree/certificate requirements.] S/U grading only.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

0

Lab Hours

Min:

0

Requisites

Simple Requisites

Type

Prerequisite

Fulfill ALL of the following requirements:

Student must have a GPA of 2.0 ; have completed specific degree or certificate requirements as required by the program; and have completed the internship application process.

CNT299 - Independent Study Computer Networking Technology

Overview

Course Prefix
CNT

Course Number
299

Course Title

Independent Study Computer Networking Technology

Degree Attributes

Tuition 2 (1T12)

Course Description

Supervised special project in this field of study. Approval of supervising Division Dean is required.

Credit Hours

Credit Hours

Min:
1

Max:
6

Credit Hours Operator:
TO

Lecture Hours

Min:
0

Lab Hours

Min:
0

COM100 - Introduction to Human Communication

Overview

Course Prefix
COM

Course Number
100

Course Title

Introduction to Human Communication

Degree Attributes

Applied Communication/Comm. (AC), SUN# COM 1100 (Z018), YC Communication Requirement (COMM), Oral Communication (OC) (OC)

Course Description

Introduction to the essential elements of human communication and behavior, with emphasis on intrapersonal, interpersonal, group, public communication, and oral communication skills important to personal and professional settings. Prerequisite: Reading Proficiency.

Credit Hours

Credit Hours

Min:
3

Lecture Hours

Min:
3

Lab Hours

Min:
0

Requisites

Simple Requisites

Type

Prerequisite

Fulfill ALL of the following requirements:

Reading Proficiency

COM131 - Fundamentals of Speech Communication

Overview

Course Prefix
COM

Course Number
131

Course Title

Fundamentals of Speech Communication

Degree Attributes

Applied Communication/Comm. (AC), YC Communication Requirement (COMM), Oral Communication (OC) (OC)

Course Description

Study of the essential elements of oral communication, with major emphasis on public speaking. Includes use of multimedia technologies for presentations. Prerequisite: Reading Proficiency.

Credit Hours

Credit Hours

Min:
3

Lecture Hours

Min:
3

Lab Hours

Min:
0

Requisites

Simple Requisites

Type

Prerequisite

Fulfill ALL of the following requirements:

Reading Proficiency

COM131H - Fundamentals of Speech Communication Honors

Overview

Course Prefix
COM

Course Number
131H

Course Title

Fundamentals of Speech Communication Honors

Degree Attributes

Oral Communication (OC) (OC), YC Communication Requirement (COMM)

Course Description

Study of the essential elements of oral communication, with major emphasis on public speaking. Includes use of multimedia technologies for presentations. Prerequisite: Reading Proficiency. Acceptance into Honors Program.

Credit Hours

Credit Hours

Min:
3

Lecture Hours

Min:
3

Lab Hours

Min:
0

Requisites

Simple Requisites

Type

Prerequisite

Fulfill ALL of the following requirements:

Reading Proficiency. Acceptance into Honors Program.

COM134 - Interpersonal Communication

Overview

Course Prefix
COM

Course Number
134

Course Title

Interpersonal Communication

Degree Attributes

Applied Communication/Comm. (AC), Oral Communication (OC) (OC), SUN# COM 1110 (Z054), YC Communication Requirement (COMM)

Course Description

Build healthy personal and professional relationships. Includes listening, coping with criticism, resolving conflicts, managing emotions, nonverbal communication, and developing empathy for cultural differences. Prerequisite: Reading Proficiency.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

3

Lab Hours

Min:

0

Requisites

Simple Requisites

Type

Prerequisite

Fulfill ALL of the following requirements:

Reading Proficiency.

COM296 - Internship: Communications

Overview

Course Prefix
COM

Course Number
296

Course Title

Internship: Communications

Course Description

Supervised field experience with businesses, corporations, government agencies, schools and community organizations to expand career interests and apply subject knowledge relevant to the workplace. Individualized internship placements to develop personal and professional skills, including professional ethics, leadership, and civic responsibility. Prerequisite: Student must have a GPA of 2.0; have completed specific degree requirements as required by the program; and have completed the internship application process. [Repeatable for a total of 6 credit hours towards degree/certificate requirements.] S/U grading only.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

0

Lab Hours

Min:

0

Requisites

Simple Requisites

Type

Prerequisite

Fulfill ALL of the following requirements:

Student must have a GPA of 2.0 ; have completed specific degree requirements as required by the program; and have completed the internship application process.

COM299 - Independent Study Communications

Overview

Course Prefix

COM

Course Number

299

Course Title

Independent Study Communications

Course Description

Supervised special project in this field of study. Approval of supervising Dean is required.

Credit Hours

Credit Hours**Min:**

1

Max:

6

Credit Hours**Operator:**

TO

Lecture Hours**Min:**

0

Lab Hours**Min:**

0

CPD104 - Career and Personal Development

Overview

Course Prefix

CPD

Course Number

104

Course Title

Career and Personal Development

Degree Attributes

Tuition 2 (1T12)

Course Description

Career/life planning through self-awareness and understanding. Focus is on dealing with change, decision making, goal setting and understanding lifestyles as well as evaluating interests, skills and values. Emphasis on the development of a comprehensive career search process including current occupational information, specific tools for researching the job market and acquiring employment.

Credit Hours

Credit Hours**Min:**

3

Lecture Hours**Min:**

3

Lab Hours**Min:**

0

CSA107 - Technology Networking Tools (TNT)

Overview

Course Prefix

CSA

Course Number

107

Course Title

Technology Networking Tools (TNT)

Degree Attributes

Tuition 2 (1T12)

Course Description

Designed for users in diverse settings (Personal and Professional). Emphasis on systematic processes for designing, developing, evaluating, and implementing technology effectively. These technologies can impact productivity, creativity, and communication.

Credit Hours

Credit Hours

Min:

1

Lecture Hours

Min:

1

Lab Hours

Min:

0

CSA110 - Introduction to Computer Information Systems

Overview

Course Prefix

CSA

Course Number

110

Course Title

Introduction to Computer Information Systems

Degree Attributes

SUN# CIS 1120 (Z062), Tuition 2 (1T12)

Course Description

Business information systems from a business intelligence perspective. Includes the uses of application software with emphasis on database and spreadsheet packages for efficient and effective problem solving.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

3

Lab Hours

Min:

0

CSA125 - Microsoft Outlook

Overview

Course Prefix

CSA

Course Number

125

Course Title

Microsoft Outlook

Degree Attributes

Tuition 2 (1T12)

Course Description

Introduces the basic features of Microsoft Outlook to send, receive and manage e-mail, organize schedules and events, and maintain contact lists, to-do lists, and tasks.

Emphasizes the Outlook skills necessary in business environments. Preparation for the Microsoft Office Specialist exam for Microsoft Outlook.

Credit Hours

Credit Hours

Min:

1

Lecture Hours

Min:

1

Lab Hours

Min:

0

CSA126 - Microsoft Office for Windows

Overview

Course Prefix

CSA

Course Number

126

Course Title

Microsoft Office for Windows

Degree Attributes

Tuition 2 (1T12)

Course Description

Introductory concepts and techniques of Microsoft Office including Word, Excel, Access, and PowerPoint.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

3

Lab Hours

Min:

0

CSA138 - Microsoft Excel

Overview

Course Prefix

CSA

Course Number

138

Course Title

Microsoft Excel

Degree Attributes

Tuition 2 (1T12)

Course Description

Practical application on the basic functions of Microsoft Office Excel using the Windows Operating System. Emphasis on creating worksheets for data input and analysis.

Credit Hours

Credit Hours

Min:

2

Lecture Hours

Min:

2

Lab Hours

Min:

0

CSA139 - Microsoft Access

Overview

Course Prefix

CSA

Course Number

139

Course Title

Microsoft Access

Degree Attributes

Tuition 2 (1T12)

Course Description

Emphasis on relational databases and query design to summarize and analyze information.

Credit Hours

Credit Hours

Min:

2

Lecture Hours

Min:

2

Lab Hours

Min:

0

CSA140 - Microsoft Word

Overview

Course Prefix

CSA

Course Number

140

Course Title

Microsoft Word

Degree Attributes

Tuition 2 (1T12)

Course Description

Practical application of Microsoft Office Word using the Windows Operating System.

Credit Hours

Credit Hours

Min:

2

Lecture Hours

Min:

2

Lab Hours

Min:

0

CSA142 - Microsoft PowerPoint

Overview

Course Prefix

CSA

Course Number

142

Course Title

Microsoft PowerPoint

Degree Attributes

Tuition 2 (1T12)

Course Description

Practical application of Microsoft PowerPoint using the Windows Operating System.

Credit Hours

Credit Hours

Min:

2

Lecture Hours

Min:

2

Lab Hours

Min:

0

CSA172 - Microsoft Windows

Overview

Course Prefix

CSA

Course Number

172

Course Title

Microsoft Windows

Degree Attributes

Tuition 2 (1T12)

Course Description

Introduction to the Microsoft Windows operating system for personal computers. Customize, optimize, secure and maintain Windows; utilize accessory apps, desktop settings, manage peripheral devices, folders and files.

Credit Hours**Credit Hours****Min:**

2

Lecture Hours**Min:**

1

Lab Hours**Min:**

2

CSA214 - Foundations of Data Science

Overview

Course Prefix

CSA

Course Number

214

Course Title

Foundations of Data Science

Degree Attributes

Tuition 2 (1T12)

Course Description

A practical introduction to the field of Data Science and familiarity with the essential facets of the data scientist profession. Emphasis on data-based reasoning, problem formulation, data collection, data pre-processing, data analytics, visualization, and the ethics surrounding the use of data and its processing. Includes how to extract strategic business insights from data, efficiently communicate them to stakeholders, and build models to predict future trends and use them to inform business strategy.

Credit Hours**Credit Hours****Min:**

3

Lecture Hours**Min:**

3

Lab Hours**Min:**

0

CSA250 - Introduction to Artificial Intelligence

Overview

Course Prefix

CSA

Course Number

250

Course Title

Introduction to Artificial Intelligence

Degree Attributes

Tuition 2 (1T12)

Course Description

This course is based on Intel AI for Workforce. Basic concepts and applications of Artificial Intelligence (AI), including AI project cycles. Focus on issues surrounding AI including ethics, bias, culture, regulations, and professional expectations.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

3

Lab Hours

Min:

0

CSA281 - Systems Analysis and Design

Overview

Course Prefix

CSA

Course Number

281

Course Title

Systems Analysis and Design

Degree Attributes

Tuition 2 (1T12)

Course Description

Advanced analysis, design, and development of an information system. Emphasis on users' needs, available equipment, manpower and financial feasibility. Problem analysis and solution design using a combination of tools and techniques. Prerequisite: CSA 110 and CSC 105.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

3

Lab Hours

Min:

0

Requisites

Simple Requisites

Type

Prerequisite

Complete ALL of the following Courses:

- CSA110 - Introduction to Computer Information Systems
- CSC105 - Introduction to Programming

CSA282 - Database Concepts

Overview

Course Prefix

CSA

Course Number

282

Course Title

Database Concepts

Degree Attributes

Tuition 2 (1T12)

Course Description

Concepts, design, implementation, evaluation, and maintenance techniques of databases. Includes fundamentals of data model, data structure and data management.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

3

Lab Hours

Min:

0

CSA294 - CSA Project

Overview

Course Prefix

CSA

Course Number

294

Course Title

CSA Project

Degree Attributes

Tuition 2 (1T12)

Course Description

This Capstone course incorporates project design, project system analysis, and technology applications. Approval of Dean. Prerequisite: CSA 281 and CSA 282 and CSC 105.

Credit Hours

Credit Hours

Min:

1

Max:

6

Credit Hours

Operator:

TO

Lecture Hours

Min:

1

Max:

6

Lecture Hours

Operator:

TO

Lab Hours

Min:

0

Requisites

Simple Requisites

Type

Prerequisite

Complete ALL of the following Courses:

- CSA281 - Systems Analysis and Design
- CSA282 - Database Concepts
- CSC105 - Introduction to Programming

CSA296 - Internship: Computer Systems and Applications

Overview

Course Prefix
CSA

Course Number
296

Course Title

Internship: Computer Systems and Applications

Degree Attributes

Tuition 2 (1T12)

Course Description

Supervised field experience with businesses, corporations, government agencies, schools and community organizations to expand career interests and apply subject knowledge relevant to the workplace. Individualized internship placements to develop personal and professional skills, including professional ethics, leadership, and civic responsibility. Prerequisite: Student must have a GPA of 2.0; have completed specific degree requirements as required by the program; and have completed the internship application process. [Repeatable for a total of 6 credit hours towards degree/certificate requirements.] S/U grading only.

Credit Hours

Credit Hours

Min:
3

Lecture Hours

Min:
0

Lab Hours

Min:
0

Requisites

Simple Requisites

Type
Prerequisite

Fulfill ALL of the following requirements:
Student must have a GPA of 2.0 ; have completed specific degree requirements as required by the program; and have completed the internship application process.

CSA299 - Independent Study Computer Systems and Applications

Overview

Course Prefix
CSA

Course Number
299

Course Title

Independent Study Computer Systems and Applications

Degree Attributes

Tuition 2 (1T12)

Course Description

Supervised special project in this field of study. Approval of supervising Dean is required.

Credit Hours

Credit Hours

Min:
1

Max:
6

Credit Hours Operator:
TO

Lecture Hours

Min:
0

Lab Hours

Min:
0

CSA310 - Advanced Artificial Intelligence

Overview

Course Prefix

CSA

Course Number

310

Course Title

Advanced Artificial Intelligence

Degree Attributes

Tuition 5 (1T15)

Course Description

Expands understanding of core artificial intelligence concepts to enable the design of intelligent agents and advanced machine learning systems. Projects assess complex approaches for knowledge representation, reasoning, perception, prediction, planning, and decision-making. Prerequisite: CSA 250

Credit Hours

Credit Hours

Min:

4

Lecture Hours

Min:

3

Lab Hours

Min:

2

Requisites

Simple Requisites

Type

Prerequisite

Complete ALL of the following Courses:

- CSA250 - Introduction to Artificial Intelligence

CSA315 - Software Engineering for the Cloud

Overview

Course Prefix

CSA

Course Number

315

Course Title

Software Engineering for the Cloud

Degree Attributes

Tuition 5 (1T15)

Course Description

Applies software engineering best practices to architect secure, resilient cloud applications and infrastructure. Introduce leading cloud providers and automation approaches and leverage Infrastructure-as-Code capabilities. Prerequisites: CSC 105, CSC 113, and CSA 281

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

3

Lab Hours

Min:

0

Requisites

Simple Requisites

Type

Prerequisite

Complete ALL of the following Courses:

- CSC105 - Introduction to Programming
- CSC113 - Programming: Python
- CSA281 - Systems Analysis and Design

CSA320 - Advanced Data Science

Overview

Course Prefix

CSA

Course Number

320

Course Title

Advanced Data Science

Degree Attributes

Tuition 5 (1T15)

Course Description

Advanced data analytics techniques to reveal insights from real-world data at scale by mastering best practice methodologies. Focus on interpreting findings, identifying issues, and communicating data-based solutions to organizational priorities through robust visual and analytical capabilities. Prerequisites: CSA 110 and CSA 214

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

3

Lab Hours

Min:

0

Requisites

Simple Requisites

Untitled Requirement

Type

Prerequisite

Complete ALL of the following Courses:

- CSA110 - Introduction to Computer Information Systems
- CSA214 - Foundations of Data Science

CSA345 - Information Technology Management

Overview

Course Prefix

CSA

Course Number

345

Course Title

Information Technology Management

Degree Attributes

Tuition 5 (1T15)

Course Description

Management methodologies spanning IT projects, assets, vendor relationships, and service delivery coordinated to improve technology ROI through alignment, cost optimization, agreements, automation, and data-driven insights. Prerequisites: CSA 110

Credit Hours

Credit Hours

Min:

4

Lecture Hours

Min:

4

Lab Hours

Min:

0

Requisites

Simple Requisites

Type

Prerequisite

Complete ALL of the following Courses:

- CSA110 - Introduction to Computer Information Systems

CSA355 - Advanced Programming Techniques

Overview

Course Prefix

CSA

Course Number

355

Course Title

Advanced Programming Techniques

Degree Attributes

Tuition 5 (1T15)

Course Description

Apply concurrent programming constructs, optimization strategies, design patterns, and language-specific advanced features to simplify development, improve performance, and promote reuse of complex enterprise-scale software systems. Prerequisites: CSC 105 and CSC 113

Credit Hours

Credit Hours

Min:

4

Lecture Hours

Min:

4

Lab Hours

Min:

0

Requisites

Simple Requisites

Type

Prerequisite

Complete ALL of the following Courses:

- CSC105 - Introduction to Programming
- CSC113 - Programming: Python

CSA390 - IT Project Management

Overview

Course Prefix

CSA

Course Number

390

Course Title

IT Project Management

Degree Attributes

Tuition 5 (1T15)

Course Description

Apply project management principles to lead complex IT initiatives. Draft project charters, plans, and documentation meeting rigid schedule, cost, and scope constraints. Utilize Agile frameworks to deliver solutions balancing speed, quality and changing requirements. Prerequisites: CNT 105, CSA 110, CSA 281, and CSC 105

Credit Hours

Credit Hours

Min:

4

Lecture Hours

Min:

4

Lab Hours

Min:

0

Requisites

Simple Requisites

Type

Prerequisite

Complete ALL of the following Courses:

- CNT105 - Cybersecurity Principles
- CSA110 - Introduction to Computer Information Systems
- CSA281 - Systems Analysis and Design
- CSC105 - Introduction to Programming

CSA420 - Ethics in Information Technology

Overview

Course Prefix

CSA

Course Number

420

Course Title

Ethics in Information Technology

Degree Attributes

Tuition 5 (IT15)

Course Description

Examine the ethical implications of technologies, algorithms, data usage, and system design tradeoffs. Evaluate existing organizational policies through lenses of transparency, accountability, unintended consequences, and effects on vulnerable populations. Propose ethically-aligned policies, controls and technical approaches rooted in philosophical foundations.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

3

Lab Hours

Min:

0

CSA440 - Software Assurance

Overview

Course Prefix

CSA

Course Number

440

Course Title

Software Assurance

Degree Attributes

Tuition 5 (IT15)

Course Description

Incorporate security practices throughout the software development lifecycle according to industry standards. Implement secure design patterns and program defensively to minimize vulnerabilities. Conduct dynamic analysis, fuzzing and penetration testing to identify and remediate risks. Prerequisites: CSA 345

Credit Hours

Credit Hours

Min:

4

Lecture Hours

Min:

4

Lab Hours

Min:

0

Requisites

Simple Requisites

Type

Prerequisite

Complete ALL of the following Courses:

- CSA345 - Information Technology Management

CSA450 - Big Data Architecture

Overview

Course Prefix

CSA

Course Number

450

Course Title

Big Data Architecture

Degree Attributes

Tuition 5 (1T15)

Course Description

Design and implement secure, scalable systems leveraging cluster computing, cloud infrastructure, and specialized big data platforms to achieve efficient and flexible storage, processing, and analytics of data lakes and complex datasets. Prerequisites: CSA 310

Credit Hours

Credit Hours

Min:

4

Lecture Hours

Min:

4

Lab Hours

Min:

0

Requisites

Simple Requisites

Type

Prerequisite

Complete ALL of the following Courses:

- CSA310 - Advanced Artificial Intelligence

CSA470 - Disruptive Technologies

Overview

Course Prefix

CSA

Course Number

470

Course Title

Disruptive Technologies

Degree Attributes

Tuition 5 (1T15)

Course Description

Investigate breakthrough and rapidly evolving technologies like quantum computing, ambient intelligence, augmented reality, and other advances exhibiting potential for transformation across the technology landscape. Prerequisites: CSA 310 and CSA 320

Credit Hours

Credit Hours

Min:

4

Lecture Hours

Min:

4

Lab Hours

Min:

0

Requisites

Simple Requisites

Type

Prerequisite

Complete ALL of the following Courses:

- CSA310 - Advanced Artificial Intelligence
- CSA320 - Advanced Data Science

CSA494 - Project Capstone: Computer Science

Overview

Course Prefix

CSA

Course Number

494

Course Title

Project Capstone: Computer Science

Degree Attributes

Tuition 5 (1T15)

Course Description

Participate in cross-functional teams through the full system development lifecycle to build innovative solutions that address real-world problems or opportunities. Build upon previous coursework, linking the theoretical with practical applications by applying subject knowledge relevant to a semester project. Prerequisites: (CNT 360 or CSA 345), CSA 420 (may be taken concurrently), and CSA 450 (may be taken concurrently)

Credit Hours

Credit Hours

Min:

4

Lecture Hours

Min:

0

Lab Hours

Min:

8

Requisites

Simple Requisites

Type

Prerequisite

Complete ALL of the following Courses:

- CSA345 - Information Technology Management
- CSA420 - Ethics in Information Technology
- CSA450 - Big Data Architecture

CSA420 Ethics in Info Technology and CSA450 Big Data Architecture may be taken concurrently.

CSA495 - Practicum: Computer Science

Overview

Course Prefix

CSA

Course Number

495

Course Title

Practicum: Computer Science

Degree Attributes

Tuition 5 (1T15)

Course Description

Application of the computer science curriculum's topics through hands-on experience. Focus on group problem-solving skills. Work in teams to complete instructor-guided semester-length software project. Prerequisites: CSA 420 and CSA 450

Credit Hours

Credit Hours

Min:

4

Lecture Hours

Min:

2

Lab Hours

Min:

4

Requisites

Simple Requisites

Type

Prerequisite

Complete ALL of the following Courses:

- CSA420 - Ethics in Information Technology
- CSA450 - Big Data Architecture

CSA496 - Internship: Computer Science

Overview

Course Prefix

CSA

Course Number

496

Course Title

Internship: Computer Science

Degree Attributes

Tuition 5 (1T15)

Course Description

Supervised field experience intended to build upon previous coursework, linking the theoretical with day-to-day practical applications by applying subject knowledge relevant to the workplace. Individualized internship placements to develop personal and professional skills. Prerequisites: CSA 110, CSA 250, CSA 420, and CSA 450

Credit Hours

Credit Hours

Min:

4

Lecture Hours

Min:

0

Lab Hours

Min:

8

Requisites

Simple Requisites

Type

Prerequisite

Complete ALL of the following Courses:

- CSA110 - Introduction to Computer Information Systems
- CSA250 - Introduction to Artificial Intelligence
- CSA420 - Ethics in Information Technology
- CSA450 - Big Data Architecture

CSA498 - Special Topics in Computer Science

Overview

Course Prefix

CSA

Course Number

498

Course Title

Special Topics in Computer Science

Degree Attributes

Tuition 5 (1T15)

Course Description

Concentrated research study in an emerging computer science topic, current literature analysis, and direct industry engagement. Select from a wide array of modern computing areas: mobile apps, AI, Augmented or Mixed realities, designing databases and web applications, networking, computer security, parallel programming architecture, algorithms and computing models, operating systems, and more. Prerequisites: CSA 390

Credit Hours

Credit Hours

Min:

4

Lecture Hours

Min:

4

Lab Hours

Min:

0

Requisites

Simple Requisites

Type

Prerequisite

Complete ALL of the following Courses:

- CSA390 - IT Project Management

CSC105 - Introduction to Programming

Overview

Course Prefix

CSC

Course Number

105

Course Title

Introduction to Programming

Degree Attributes

Tuition 2 (1T12)

Course Description

An introduction to computer programming concepts and problem solving skills. Pseudocode, flowcharting and code writing will be used to design and develop software solutions.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

3

Lab Hours

Min:

0

CSC113 - Programming: Python

Overview

Course Prefix

CSC

Course Number

113

Course Title

Programming: Python

Degree Attributes

Tuition 2 (1T12)

Course Description

An introduction to the core principles of Python. Topics includes analyzing, designing, coding, testing and debugging Python programs. Prerequisite: CSC 105

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

3

Lab Hours

Min:

0

Requisites**Simple Requisites****Type**

Prerequisite

Complete ALL of the following Courses:

- CSC105 - Introduction to Programming

CSC125 - Programming: C# Fundamentals

Overview

Course Prefix
CSC

Course Number
125

Course Title
Programming: C# Fundamentals

Degree Attributes
Tuition 2 (1T12)

Course Description
Core principles of C# and the .Net framework will be used to solve real-world problems. Graphical User Interface based applications that utilize forms and controls will be designed, constructed and tested. Prerequisite: CSC 105.

Credit Hours

Credit Hours

Min:
3

Lecture Hours

Min:
3

Lab Hours

Min:
0

Requisites

Simple Requisites

Type
Prerequisite

- Complete ALL of the following Courses:
- CSC105 - Introduction to Programming

CSC205 - Programming: JavaScript, HTML & CSS

Overview

Course Prefix
CSC

Course Number
205

Course Title
Programming: JavaScript, HTML & CSS

Degree Attributes
Tuition 2 (1T12)

Course Description
Fundamentals of web page and website creation using basic JavaScript, HTML5 and CSS3 features. Prerequisite: CSC 105 (may be taken concurrently).

Credit Hours

Credit Hours

Min:
3

Lecture Hours

Min:
3

Lab Hours

Min:
0

Requisites

Simple Requisites

Type
Prerequisite

- Complete ALL of the following Courses:
- CSC105 - Introduction to Programming

Prerequisite course may be taken concurrently with CSC205.

CSC211 - Programming: PHP and MySQL

Overview

Course Prefix

CSC

Course Number

211

Course Title

Programming: PHP and MySQL

Degree Attributes

Tuition 2 (1T12)

Course Description

Principles and techniques of developing small to medium scale database applications, and creating web databases that are accessed by Web pages. Prerequisites: CSC 105 and CSA 282 (CSA 282 may be taken concurrently).

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

3

Lab Hours

Min:

0

Requisites

Simple Requisites

Type

Prerequisite

Complete ALL of the following Courses:

- CSC105 - Introduction to Programming
- CSA282 - Database Concepts

CSA282 Database Concepts may be taken concurrently.

CSC220 - Programming: Java

Overview

Course Prefix

CSC

Course Number

220

Course Title

Programming: Java

Degree Attributes

Tuition 2 (1T12)

Course Description

Core principles of the Java programming language including a focus on object oriented programming and advanced programming concepts. Prerequisite: CSC 105.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

3

Lab Hours

Min:

0

Requisites

Simple Requisites

Type

Prerequisite

Complete ALL of the following Courses:

- CSC105 - Introduction to Programming

CSC299 - Independent Study Computer Science

Overview

Course Prefix
CSC

Course Number
299

Course Title
Independent Study Computer Science

Degree Attributes
Tuition 2 (1T12)

Course Description
Supervised special project in this field of study. Approval of supervising Division Dean is required.

Credit Hours

Credit Hours

Min:
1

Max:
6

**Credit Hours
Operator:**
TO

Lecture Hours

Min:
0

Lab Hours

Min:
0

CUL101 - Culinary Principles

Overview

Course Prefix
CUL

Course Number
101

Course Title
Culinary Principles

Degree Attributes
Tuition 2 (1T12)

Course Description
Introduction to the culinary industry. Includes food service terminology, customer service skills, menu development, safety, sanitation, knife cuts, commercial equipment, cooking techniques, product identification, and ratios/weights/measures. Utilizes the ServSafe materials prepared by the National Restaurant Association Education Foundation to prepare students for a National examination.

Credit Hours

Credit Hours

Min:
4

Lecture Hours

Min:
4

Lab Hours

Min:
0

CUL102 - Culinary Fundamentals: Hot Foods

Overview

Course Prefix

CUL

Course Number

102

Course Title

Culinary Fundamentals: Hot Foods

Degree Attributes

Tuition 2 (1T12)

Course Description

Cooking techniques and preparation of meat, fish and poultry items. Theory and practice of production of vegetables, stocks, sauces, and soups. Study of butchering, yields, purchasing and grade classification.

Credit Hours**Credit Hours****Min:**

4

Lecture Hours**Min:**

2

Lab Hours**Min:**

4

CUL103 - Culinary Fundamentals: Breakfast and Garde Manger

Overview

Course Prefix

CUL

Course Number

103

Course Title

Culinary Fundamentals: Breakfast and Garde Manger

Degree Attributes

Tuition 2 (1T12)

Course Description

Cooking techniques and preparation of breakfast items, salads, sandwiches and dressings. Production of eggs, pasta, cheeses, and fruit dishes, canapés and hors d'oeuvres creations. Study of lettuces, fruits, grains, cheeses and dressings.

Credit Hours**Credit Hours****Min:**

4

Lecture Hours**Min:**

2

Lab Hours**Min:**

4

CUL104 - Culinary Fundamentals: Baking and Pastry

Overview

Course Prefix
CUL

Course Number
104

Course Title

Culinary Fundamentals: Baking and Pastry

Degree Attributes

Tuition 2 (1T12)

Course Description

Cooking techniques and preparation methods for cakes, pies, cookies and simple desserts as well as production of dough and breads. Includes preparation of various bakery sauces and toppings, uses of chocolates, and appropriate presentation methods for various types of desserts.

Credit Hours

Credit Hours

Min:
4

Lecture Hours

Min:
2

Lab Hours

Min:
4

CUL110 - Cake Decorating Basics

Overview

Course Prefix
CUL

Course Number
110

Course Title

Cake Decorating Basics

Degree Attributes

Tuition 2 (1T12)

Course Description

Design and produce a variety of cakes for special occasions. Decorating and finishing techniques such as flowers, borders, writing styles and air brushing will be emphasized.

Credit Hours

Credit Hours

Min:
3

Lecture Hours

Min:
1

Lab Hours

Min:
4

CUL111 - Food Purchasing and Cost Control

Overview

Course Prefix

CUL

Course Number

111

Course Title

Food Purchasing and Cost Control

Degree Attributes

Tuition 2 (1T12)

Course Description

Methods to control costs in a food service operation while making a profit. Focus is on principles and procedures of an effective food purchasing system. Preparation for ServSafe certification.

Credit Hours**Credit Hours****Min:**

3

Lecture Hours**Min:**

3

Lab Hours**Min:**

0

CUL112 - Plated Desserts

Overview

Course Prefix

CUL

Course Number

112

Course Title

Plated Desserts

Degree Attributes

Tuition 2 (1T12)

Course Description

The art of plating and presenting desserts as an integral part of the dining experience. Includes cold and hot desserts such as strudels, cobblers, parfaits, crepes, ice cream, sorbets and sherbets.

Credit Hours**Credit Hours****Min:**

4

Lecture Hours**Min:**

2

Lab Hours**Min:**

4

CUL113 - Pastry Centerpieces and Wedding Cakes

Overview

Course Prefix
CUL

Course Number
113

Course Title

Pastry Centerpieces and Wedding Cakes

Degree Attributes

Tuition 2 (1T12)

Course Description

Creation of wedding cakes and practical pastry centerpieces for table and buffet presentations. Includes hands-on techniques applied to common mediums like sugar, chocolate, butter cream, royal icing and fondant.

Credit Hours

Credit Hours

Min:

4

Lecture Hours

Min:

2

Lab Hours

Min:

4

CUL296 - Internship: Culinary Arts

Overview

Course Prefix
CUL

Course Number
296

Course Title

Internship: Culinary Arts

Degree Attributes

Tuition 2 (1T12)

Course Description

Supervised field experience with businesses, corporations, government agencies, schools and community organizations to expand career interests and apply subject knowledge relevant to the workplace. Individualized internship placements to develop personal and professional skills, including professional ethics, leadership, and civic responsibility. Prerequisite: Student must have a GPA of 2.0; have completed specific degree requirements as required by the program; and have completed the internship application process. [Repeatable for a total of 6 credit hours towards degree/certificate requirements.] S/U grading only.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

0

Lab Hours

Min:

0

Requisites

Simple Requisites

Type

Prerequisite

Fulfill ALL of the following requirements:

Student must have a GPA of 2.0 ; have completed specific degree requirements as required by the program; and have completed the internship application process.

CUL299 - Independent Study Culinary Arts

Overview

Course Prefix

CUL

Course Number

299

Course Title

Independent Study Culinary Arts

Degree Attributes

Tuition 2 (1T12)

Course Description

Supervised special project in this field of study. Approval of supervising Division Dean is required.

Credit Hours

Credit Hours

Min:

1

Max:

6

Credit Hours

Operator:

TO

Lecture Hours

Min:

0

Lab Hours

Min:

0

DAN110 - Ballet I

Overview

Course Prefix

DAN

Course Number

110

Course Title

Ballet I

Degree Attributes

Tuition 2 (1T12)

Course Description

The elements of classical ballet technique. Emphasis on movement quality and artistic expression.

Credit Hours

Credit Hours

Min:

2

Lecture Hours

Min:

0

Lab Hours

Min:

4

DAN111 - Modern Dance

Overview

Course Prefix

DAN

Course Number

111

Course Title

Modern Dance

Degree Attributes

Tuition 2 (1T12)

Course Description

The elements of modern dance technique. Emphasis on movement quality and artistic expression.

Credit Hours

Credit Hours

Min:

2

Lecture Hours

Min:

1

Lab Hours

Min:

2

DAN114 - Jazz I

Overview

Course Prefix

DAN

Course Number

114

Course Title

Jazz I

Degree Attributes

Tuition 2 (1T12)

Course Description

The fundamentals of Jazz Dance and techniques.

Credit Hours

Credit Hours

Min:

2

Lecture Hours

Min:

0

Lab Hours

Min:

4

DAN115 - Tap I

Overview

Course Prefix

DAN

Course Number

115

Course Title

Tap I

Degree Attributes

Tuition 2 (1T12)

Course Description

The fundamentals of tap dance and tap techniques.

Credit Hours

Credit Hours

Min:

2

Lecture Hours

Min:

0

Lab Hours

Min:

4

DAN120 - Ballet II

Overview

Course Prefix

DAN

Course Number

120

Course Title

Ballet II

Degree Attributes

Tuition 2 (1T12)

Course Description

Theory and practice of ballet at the accelerated beginning level. Development of movement quality and performance skills.

Credit Hours

Credit Hours

Min:

2

Lecture Hours

Min:

0

Lab Hours

Min:

4

Requisites

Simple Requisites

Type

Prerequisite

Complete ALL of the following Courses:

- DAN110 - Ballet I

DAN134 - Fox Trot, Waltz and Tango

Overview

Course Prefix

DAN

Course Number

134

Course Title

Fox Trot, Waltz and Tango

Degree Attributes

Tuition 2 (1T12)

Course Description

Basic and beginning moves for the Fox Trot, Waltz and Tango. Includes movement, music and rhythm.

Credit Hours

Credit Hours

Min:

1

Lecture Hours

Min:

0

Lab Hours

Min:

2

DAN136 - Rumba, Cha Cha and Swing

Overview

Course Prefix

DAN

Course Number

136

Course Title

Rumba, Cha Cha and Swing

Degree Attributes

Tuition 2 (1T12)

Course Description

Basic and beginning moves for the Rumba, Cha Cha, and Swing. Includes movement, music and rhythm.

Credit Hours

Credit Hours

Min:

1

Lecture Hours

Min:

0

Lab Hours

Min:

2

DAN151 - Applied Dance

Overview

Course Prefix

DAN

Course Number

151

Course Title

Applied Dance

Degree Attributes

Tuition 2 (1T12)

Course Description

Individual instruction in any level of a variety of dance forms, including but not limited to Contemporary, Modern, Ballet and Pointe, Jazz, Creative Movement, Fundamentals of Partnering, Hip-Hop, BeMoved©, Gentle BeMoved©, and European and Latin Ballroom.

Credit Hours

Credit Hours

Min:

2

Lecture Hours

Min:

0

Lab Hours

Min:

0

DAN198 - Dance Topics:

Overview

Course Prefix

DAN

Course Number

198

Course Title

Dance Topics:

Degree Attributes

Tuition 2 (1T12)

Course Description

Exploration of partner dance styles.Exploration of partner dance styles. [DAN 198, DAN 198A, DAN 198B and DAN 198C are together repeatable for a total of 3 credit hours towards degree/certificate requirements.]

Credit Hours

Credit Hours

Min:

1

Max:

3

Credit Hours

Operator:

TO

Lecture Hours

Min:

0

Lab Hours

Min:

2

Max:

6

Lab Hours

Operator:

TO

DAN296 - Internship: Dance

Overview

Course Prefix

DAN

Course Number

296

Course Title

Internship: Dance

Degree Attributes

Tuition 2 (1T12)

Course Description

Supervised field experience with businesses, corporations, government agencies, schools and community organizations to expand career interests and apply subject knowledge relevant to the workplace. Individualized internship placements to develop personal and professional skills, including professional ethics, leadership, and civic responsibility.

Prerequisite: Student must have a GPA of 2.0; have completed specific degree requirements as required by the program; and have completed the internship application process. [Repeatable for a total of 6 credit hours towards degree/certificate requirements.] S/U grading only.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

0

Lab Hours

Min:

0

Requisites

Simple Requisites

Type

Prerequisite

Fulfill ALL of the following requirements:

Student must have a GPA of 2.0 ; have completed specific degree requirements as required by the program; and have completed the internship application process.

DAN299 - Independent Study Dance

Overview

Course Prefix

DAN

Course Number

299

Course Title

Independent Study Dance

Degree Attributes

Tuition 2 (1T12)

Course Description

Supervised special project in this field of study. Approval of supervising Division Dean is required.

Credit Hours

Credit Hours

Min:

1

Max:

6

Credit Hours

Operator:

TO

Lecture Hours

Min:

0

Lab Hours

Min:

0

DES100 - Digital Design Studio

Overview

Course Prefix

DES

Course Number

100

Course Title

Digital Design Studio

Degree Attributes

Tuition 2 (1T12)

Course Description

Fundamentals of digital compositions. Technical and creative use of raster and vector image manipulation software. Examination of industry-standard tools and workflows for image capture, print design production, multi-page layout, and web interface prototyping. Projects emphasize nondestructive methods, component reuse, asset packaging, and preparing files to stated output specifications. Application of design principles.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

1

Lab Hours

Min:

6

DES101 - Principles of Visual Communication I

Overview

Course Prefix

DES

Course Number

101

Course Title

Principles of Visual Communication I

Degree Attributes

Tuition 2 (1T12)

Course Description

Introduction to design as a language and process for creative thinking and realization. Explains design elements, principles, and typographic fundamentals for structured layouts. Studio work develops roughs into deliverables with iterative refinement and professional file preparation. Prerequisites: ART 112 and (DES 100 or ART 137)

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

1

Lab Hours

Min:

6

Requisites

Simple Requisites

Type

Prerequisite

Complete ALL of the following Courses:

- ART112 - Two-Dimensional Design
 - DES100 - Digital Design Studio
- OR ART137 - Adobe Photoshop I

DES102 - Letters and Typography

Overview

Course Prefix

DES

Course Number

102

Course Title

Letters and Typography

Degree Attributes

Tuition 2 (1T12)

Course Description

Study of typographic anatomy, classification, and historical conventions with practice in micro-typography and hierarchical systems. Theoretical exercises in spatial and textural qualities of type and an introduction to letterform nomenclature. Studio assignments produce editorial layouts and professional typographic deliverables prepared to specification. Prerequisites: DES 100 or ART 137, and DES 101 (may be taken concurrently)

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

1

Lab Hours

Min:

6

Requisites

Simple Requisites

Type

Prerequisite

Complete ALL of the following Courses:

- DES100 - Digital Design Studio
OR ART137 - Adobe Photoshop I
- DES101 - Principles of Visual Communication I

DES101 may be taken concurrently with DES102.

DES103 - Principles of Visual Communication II

Overview

Course Prefix

DES

Course Number

103

Course Title

Principles of Visual Communication II

Degree Attributes

Tuition 2 (1T12)

Course Description

Visual design exploration as language and process for creative thinking, realization, and communication. Teaches designing with complex page systems integrating type and image. Studio emphasis on analyzing constraints, iterative development, and delivering vendor-ready print productions. Prerequisite: DES 102 (may be taken concurrently)

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

1

Lab Hours

Min:

6

Requisites

Simple Requisites

Type

Prerequisite

Complete ALL of the following Courses:

- DES102 - Letters and Typography

This course may be taken concurrently with DES103.

DES204 - Web Design

Overview

Course Prefix

DES

Course Number

204

Course Title

Web Design

Degree Attributes

Tuition 2 (1T12)

Course Description

Foundations of interactive design including page structure, basic information architecture, and component-based interfaces using industry-standard frontend languages. Students learn about WCAG-aligned accessibility, optimize media performance, and preparing web assets to specification. Prerequisite: DES 100

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

1

Lab Hours

Min:

6

Requisites

Simple Requisites

Type

Prerequisite

Complete ALL of the following Courses:

- DES100 - Digital Design Studio

DES305 - Applied Design I

Overview

Course Prefix

DES

Course Number

305

Course Title

Applied Design I

Degree Attributes

Tuition 5 (1T15)

Course Description

Development of brand systems across print and packaging. Studio work includes the construction of original forms and dielines, physical mockups, prototyping, and delivery of vendor-ready files supported by documented rationale. Prerequisite: DES 103

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

1

Lab Hours

Min:

6

Requisites

Simple Requisites

Type

Prerequisite

Complete ALL of the following Courses:

- DES103 - Principles of Visual Communication II

DES306 - Use Experience Design

Overview

Course Prefix

DES

Course Number

306

Course Title

Use Experience Design

Degree Attributes

Tuition 5 (1T15)

Course Description

Planning and execution of UX research, user flows, journeys, and information architecture to design interfaces under stated constraints. Usability evaluation, WCAG-aligned accessibility, and annotated documentation support a case-study narrative. Prerequisite: DES 204

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

1

Lab Hours

Min:

6

Requisites

Simple Requisites

Type

Prerequisite

Complete ALL of the following Courses:

- DES204 - Web Design

DES307 - Applied Design II

Overview

Course Prefix

DES

Course Number

307

Course Title

Applied Design II

Degree Attributes

Tuition 5 (1T15)

Course Description

Integration of cross-media campaign deliverables within an identity design system. Strategic communication and information design is applied to studio projects in both print and digital media. Students incorporate accessibility and vendor specifications, manage complex asset pipelines, and present client-style presentations with evidence-based decisions. Prerequisite: DES 204

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

1

Lab Hours

Min:

6

Requisites

Simple Requisites

Type

Prerequisite

Complete ALL of the following Courses:

- DES204 - Web Design

DES308 - Interaction Design

Overview

Course Prefix

DES

Course Number

308

Course Title

Interaction Design

Degree Attributes

Tuition 5 (1T15)

Course Description

Explores theories related to the design of motion graphics and interaction in multi-screen flows using design system components. Students engage in hypothesis-driven prototyping and testing. Emphasis on accessibility, instrumentation, and delivery of production-ready user interface assets. Prerequisites: DES 306 and FMA 138

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

1

Lab Hours

Min:

6

Requisites

Simple Requisites

Type

Prerequisite

Complete ALL of the following Courses:

- DES306 - Use Experience Design
- FMA138 - VFX and Motion Graphics

DES310 - Experiential Design

Overview

Course Prefix

DES

Course Number

310

Course Title

Experiential Design

Degree Attributes

Tuition 5 (1T15)

Course Description

Examination of experiential design for built environments with emphasis on wayfinding, placemaking, and branded interventions. Students apply inclusive design principles to create legible, multisensory spatial communications—using typography, contrast, lighting, projection mapping, tactile cues—and integrate static signage with interactive media while measuring impact on user navigation. Prerequisite: DES 307

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

1

Lab Hours

Min:

6

Requisites

Simple Requisites

Type

Prerequisite

Complete ALL of the following Courses:

- DES307 - Applied Design II

DES409 - Design Project Research and Production I

Overview

Course Prefix
DES

Course Number
409

Course Title
Design Project Research and Production I

Degree Attributes
Tuition 5 (1T15)

Course Description
Definition of a capstone design studio project, mixed-method research planning, and evidence-based requirements defined with measurable acceptance criteria. Students scope schedules, map applicable standards, construct project architecture, plan for accessibility constraints, and defend their research proposal in a formal presentation. Prerequisite: DES 306 and DES 307

Credit Hours

Credit Hours

Min:
3

Lecture Hours

Min:
1

Lab Hours

Min:
6

Requisites

Simple Requisites

Type
Prerequisite

- Complete ALL of the following Courses:**
- DES306 - Use Experience Design
 - DES307 - Applied Design II

DES410 - Brand Strategy: Tactics & Digital Tools

Overview

Course Prefix
DES

Course Number
410

Course Title
Brand Strategy: Tactics & Digital Tools

Degree Attributes
Tuition 5 (1T15)

Course Description

Brand strategy for cultivating enduring customer relationships and fostering competitiveness in evolving digital markets. Tools and tactics to create persuasive content, utilize data for media design, and strategize with paid and owned digital media. Skills in strategic storytelling, content calendars, and social media strategy for a comprehensive understanding of digital branding. Prerequisite: DES 306

Credit Hours

Credit Hours

Min:
3

Lecture Hours

Min:
2

Lab Hours

Min:
3

Requisites

Simple Requisites

Type
Prerequisite

- Complete ALL of the following Courses:**
- DES306 - Use Experience Design

DES411 - Design Project Research and Production II

Overview

Course Prefix

DES

Course Number

411

Course Title

Design Project Research and Production II

Degree Attributes

Tuition 5 (1T15)

Course Description

Production of capstone design studio project deliverables to implementation specifications with accessibility checks and remediation. Work is validated against acceptance criteria while managing schedules, budgets, documentation, and handoffs. Iteration and critique are used to move projects forward. Prerequisite: DES 310 and DES 409

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

1

Lab Hours

Min:

6

Requisites

Simple Requisites

Type

Prerequisite

Complete ALL of the following Courses:

- DES310 - Experiential Design
- DES409 - Design Project Research and Production I

DES413 - Design Capstone

Overview

Course Prefix

DES

Course Number

413

Course Title

Design Capstone

Degree Attributes

Tuition 5 (1T15)

Course Description

Finalization and presentation of a comprehensive capstone design studio project to a stated professional standard, including vendor-ready files and outcome evaluation against metrics. Students remediate remaining issues and curate a complete case study for defense. Prerequisite: DES 409, and DES 411 (may be taken concurrently)

Credit Hours

Credit Hours

Min:

4

Lecture Hours

Min:

2

Lab Hours

Min:

6

Requisites

Simple Requisites

Type

Prerequisite

Complete ALL of the following Courses:

- DES409 - Design Project Research and Production I
- DES411 - Design Project Research and Production II

DES411 may be taken concurrently.

DES414 - Portfolio

Overview

Course Prefix

DES

Course Number

414

Course Title

Portfolio

Degree Attributes

Tuition 5 (1T15)

Course Description

Curation of an interactive, professional portfolio that synthesizes research, accessibility, execution quality, and project management. Students develop case studies, align content to industry expectations, and prepare supportive professional materials to help them seek employment. Prerequisite: DES 413 (may be taken concurrently)

Credit Hours

Credit Hours

Min:

2

Lecture Hours

Min:

1

Lab Hours

Min:

3

Requisites

Simple Requisites

Type

Prerequisite

Complete ALL of the following Courses:

- DES413 - Design Capstone

This course may be taken concurrently with DES414.

DMS100 - Introduction to Diagnostic Medical Sonography

Overview

Course Prefix

DMS

Course Number

100

Course Title

Introduction to Diagnostic Medical Sonography

Degree Attributes

Tuition 3 (1T13)

Course Description

Foundations of medical sonography and the practitioner's role in the health care delivery system. Includes an examination of the health care environment, related organizational topics, ethical and legal considerations. Introduction to patient care principles with medical terminology. Prerequisite: Program Admission. Reading Proficiency.

Credit Hours

Credit Hours

Min:

1

Lecture Hours

Min:

1

Lab Hours

Min:

0

Requisites

Simple Requisites

Type

Prerequisite

Fulfill ALL of the following requirements:

Program Admission. Reading Proficiency.

DMS101 - Sonography Principles and Instrumentation I

Overview

Course Prefix

DMS

Course Number

101

Course Title

Sonography Principles and Instrumentation I

Degree Attributes

Tuition 3 (1T13)

Course Description

Foundational concepts of diagnostic ultrasound through the study of wave mechanics, acoustic propagation, and sound-tissue interactions. Explore the physical characteristics of sound, the formation of pulses, and the behavior of acoustic energy in the human body. Emphasis is placed on understanding how physical principles directly influence image formation and diagnostic quality. Prerequisite: Program Admission

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

3

Lab Hours

Min:

0

Requisites

Simple Requisites

Type

Prerequisite

Fulfill ALL of the following requirements:

Program Admission.

DMS102 - Sonography Principles and Instrumentation II

Overview

Course Prefix

DMS

Course Number

102

Course Title

Sonography Principles and Instrumentation II

Degree Attributes

Tuition 3 (1T13)

Course Description

Examines the practical application of ultrasound physics in equipment operation, image optimization, Doppler techniques, artifact recognition, and professional safety standards. Learn to adjust system controls, utilize transducers appropriately, and apply ergonomic and patient-care considerations while producing diagnostic images. Prerequisite: DMS 101

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

3

Lab Hours

Min:

0

Requisites

Simple Requisites

Type

Prerequisite

Complete ALL of the following Courses:

- DMS101 - Sonography Principles and Instrumentation I

DMS110 - Sonography Clinical Education I

Overview

Course Prefix

DMS

Course Number

110

Course Title

Sonography Clinical Education I

Degree Attributes

Tuition 3 (1T13)

Course Description

Supervised clinical assignments follow a structured approach involving observation, assistance, and the achievement of specific sonography competency benchmarks over the course of a semester. Designed to help students develop essential skills in patient care, imaging practices, scanning protocols and techniques for various examinations through a competency-based approach. Prerequisite: Program Admission.

Credit Hours

Credit Hours

Min:

4

Lecture Hours

Min:

0

Lab Hours

Min:

12

Requisites**Simple Requisites****Type**

Prerequisite

Fulfill ALL of the following requirements:
Program Admission.

DMS111 - Sonography Clinical Education II

Overview

Course Prefix

DMS

Course Number

111

Course Title

Sonography Clinical Education II

Degree Attributes

Tuition 3 (1T13)

Course Description

Supervised clinical assignments follow a structured approach involving observation, assistance, and the achievement of specific sonography competency benchmarks over the course of a semester. Designed to help students develop essential skills in patient care, imaging practices, scanning protocols and techniques for various examinations through a competency-based approach. Prerequisite: DMS 110

Credit Hours

Credit Hours

Min:

4

Lecture Hours

Min:

0

Lab Hours

Min:

12

Requisites**Simple Requisites****Type**

Prerequisite

Complete ALL of the following Courses:

- DMS110 - Sonography Clinical Education I

DMS112 - Sonography Clinical Education III

Overview

Course Prefix

DMS

Course Number

112

Course Title

Sonography Clinical Education III

Degree Attributes

Tuition 3 (1T13)

Course Description

Supervised clinical assignments follow a structured approach involving observation, assistance, and the achievement of specific sonography competency benchmarks over the course of a semester. Designed to help students develop essential skills in patient care, imaging practices, scanning protocols and techniques for various examinations through a competency-based approach. Prerequisite: DMS 111

Credit Hours

Credit Hours

Min:

4

Lecture Hours

Min:

0

Lab Hours

Min:

12

Requisites

Simple Requisites

Type

Prerequisite

Complete ALL of the following Courses:

- DMS111 - Sonography Clinical Education II

DMS120 - Abdomen and Superficial Structures I

Overview

Course Prefix

DMS

Course Number

120

Course Title

Abdomen and Superficial Structures I

Degree Attributes

Tuition 3 (1T13)

Course Description

In-depth study of abdominal and superficial structures with emphasis on relational anatomy, pathology recognition, doppler applications, and clinical correlation. Includes hands-on scanning skills to produce diagnostic images, apply proper protocols, optimize equipment controls, and evaluate normal and abnormal sonographic findings. Prerequisite: Program Admission.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

1

Lab Hours

Min:

6

Requisites

Simple Requisites

Type

Prerequisite

Fulfill ALL of the following requirements:

Program Admission.

DMS121 - Introduction to OB-GYN Procedures

Overview

Course Prefix

DMS

Course Number

121

Course Title

Introduction to OB-GYN Procedures

Degree Attributes

Tuition 3 (1T13)

Course Description

Introduction to the foundational principles of obstetric and gynecologic ultrasound. Includes the key terminology, anatomy, measurement techniques, clinical indications, and common normal vs. abnormal patterns. Emphasizes image interpretation and clinical reasoning to prepare students for hands-on OB-GYN scanning in the clinical environment. Prerequisite: Program Admission.

Credit Hours

Credit Hours

Min:

1

Lecture Hours

Min:

1

Lab Hours

Min:

0

Requisites

Simple Requisites

Type

Prerequisite

Fulfill ALL of the following requirements:
Program Admission.

DMS122 - Abdomen and Superficial Structures II

Overview

Course Prefix

DMS

Course Number

122

Course Title

Abdomen and Superficial Structures II

Degree Attributes

Tuition 3 (1T13)

Course Description

Study of abdominal and superficial structural pathology with emphasis on disease mechanisms, progression patterns, clinical correlations, and interpretation skills. Analyze complex cases and examine how pathology influences treatment planning and surgical/interventional decision-making. Prerequisite: DMS 120

Credit Hours

Credit Hours

Min:

1

Lecture Hours

Min:

1

Lab Hours

Min:

0

Requisites

Simple Requisites

Type

Prerequisite

Complete ALL of the following Courses:

- DMS120 - Abdomen and Superficial Structures I

DMS123 - Introduction to Vascular Procedures I

Overview

Course Prefix

DMS

Course Number

123

Course Title

Introduction to Vascular Procedures I

Degree Attributes

Tuition 3 (1T13)

Course Description

Introduction of vascular sonography, including the normal anatomy and physiology of the arterial and venous systems, hemodynamic principles, doppler waveform interpretation, and pathology recognition. Emphasis is placed on understanding vascular flow dynamics, disease mechanisms, and diagnostic reasoning to support clinical performance and prepare students for advanced vascular coursework.

Credit Hours

Credit Hours

Min:

1

Lecture Hours

Min:

1

Lab Hours

Min:

0

DMS124 - Vascular Procedures II

Overview

Course Prefix

DMS

Course Number

124

Course Title

Vascular Procedures II

Degree Attributes

Tuition 3 (1T13)

Course Description

Focuses on the performance, interpretation, and clinical correlation of duplex ultrasound examinations throughout the vascular system. Students will gain hands-on scanning experience across cerebrovascular, peripheral venous, peripheral arterial, and abdominal vascular systems. Prerequisite: DMS 123

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

1

Lab Hours

Min:

6

Requisites

Simple Requisites

Type

Prerequisite

Complete ALL of the following Courses:

- DMS123 - Introduction to Vascular Procedures I

DMS130 - Sonography Registry Review and Professional Development

Overview

Course Prefix
DMS

Course Number
130

Course Title

Sonography Registry Review and Professional Development

Degree Attributes

Tuition 3 (1T13)

Course Description

Comprehensive review of standard subject materials to prepare students for the American Registry for Diagnostic Medical Sonography (ARDMS) Sonography Principles & Instrumentation (SPI), Abdomen (AB) and/or Vascular Technology (VT) examinations. Including guidance on resume building, interview skills, and exploring opportunities for continuing education.

Credit Hours

Credit Hours

Min:
2

Lecture Hours

Min:
2

Lab Hours

Min:
0

ECE200 - Introduction to Early Childhood Education

Overview

Course Prefix
ECE

Course Number
200

Course Title

Introduction to Early Childhood Education

Degree Attributes

Tuition 2 (1T12)

Course Description

History, perspectives and current trends in the field of early care and education. Exploration of career options within the field of working with children from birth to age eight. Includes child development theorists and their relation to program philosophies and curricula. This course requires 4 face-to-face observation hours in an early childhood setting.

Credit Hours

Credit Hours

Min:
3

Lecture Hours

Min:
3

Lab Hours

Min:
0

ECE202 - Early Childhood Curriculum

Overview

Course Prefix

ECE

Course Number

202

Course Title

Early Childhood Curriculum

Degree Attributes

Tuition 2 (1T12)

Course Description

Development of learning activities based on the needs of preschool age children. Selection and preparation of the environment as well as materials which are basic to diverse preschool programs. Emphasis on the process of lesson planning in response to developmental levels of children. Includes the compilation of a personal file of teaching ideas, activities and resources and the exploration and construction of materials to be used while working with children, and play-based teaching strategies. This course requires 4 face-to-face observation hours in an early childhood setting.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

3

Lab Hours

Min:

0

ECE222 - Introduction to the Exceptional Learner

Overview

Course Prefix

ECE

Course Number

222

Course Title

Introduction to the Exceptional Learner

Degree Attributes

Tuition 2 (1T12)

Course Description

Overview of various types of learners with special needs including children with disabilities, gifted learners, and children at risk birth to grade 12. Includes topics on public laws related to individuals with disabilities, identification and assessment of children, characteristics of exceptional learners, inclusion, coordinating with various agencies and specialists, and planning, delivering, and documenting educational services. This course requires 10 face-to-face observation hours in a special needs or full inclusion setting. This course is cross-listed with EDU 222.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

3

Lab Hours

Min:

0

ECE230 - Language and Literacy Experiences

Overview

Course Prefix

ECE

Course Number

230

Course Title

Language and Literacy Experiences

Degree Attributes

Tuition 2 (1T12)

Course Description

Language and literacy processes and the way in which literature enriches a child's development. Review of children's literature and methods of enhancing literacy experiences. This course is cross-listed with EDU 230.

Credit Hours**Credit Hours****Min:**

3

Lecture Hours**Min:**

3

Lab Hours**Min:**

0

ECE234 - Child Development

Overview

Course Prefix

ECE

Course Number

234

Course Title

Child Development

Degree Attributes

Social & Behavioral Sciences (SBS), Tuition 2 (1T12)

Course Description

Exploration of children's development from conception through adolescence, assuming a transactional approach to understanding development focusing on family relationships, brain development, social/emotional development, and the role of culture in child development. Examination of major developmental themes and theories of child development utilizing scientific methods of inquiry and viewed through a cultural lens. Risk and protective factors are analyzed with respect to the interplay of attachment, brain development, and social-emotional development. Developmental periods include prenatal, infancy, toddlerhood, preschool years, middle childhood, and adolescence, with an examination of biological influences, cognition, behavioral characteristics, social interaction, and cultural resources typified at each developmental period. This course requires 5 face-to-face observation hours in early childhood and elementary settings. This course is cross-listed with PSY 234.

Credit Hours**Credit Hours****Min:**

3

Lecture Hours**Min:**

3

Lab Hours**Min:**

0

ECE240 - Family and Community Partnerships

Overview

Course Prefix

ECE

Course Number

240

Course Title

Family and Community Partnerships

Degree Attributes

Tuition 2 (1T12)

Course Description

School and family relationships with a focus on communication, ethics, professionalism and problem-solving. Impact of the community, its resources and referral systems. Emphasis on families, diversity, multicultural issues and parent involvement. This course is cross-listed with EDU 240.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

3

Lab Hours

Min:

0

ECE250 - Leadership and Management in Early Childhood Programs

Overview

Course Prefix

ECE

Course Number

250

Course Title

Leadership and Management in Early Childhood Programs

Degree Attributes

Tuition 2 (1T12)

Course Description

Overview of the responsibilities and tasks involved in managing and leading a quality early childhood program. Relationship of program philosophy and goals to program design, including: staffing structure, facility and equipment, budget development, program policies and relationships with families. Emphasis on the importance of shared vision, effective leadership, and a commitment towards advancing the professionalism of the early childhood education field. Prerequisite: ECE 200 and ECE 202 and ECE 234/ PSY 234 (prerequisites may be taken concurrently).

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

3

Lab Hours

Min:

0

Requisites

Simple Requisites

<p>Type Prerequisite</p> <p>Complete ALL of the following Courses:</p> <ul style="list-style-type: none"> ECE200 - Introduction to Early Childhood Education ECE202 - Early Childhood Curriculum ECE234 - Child Development <p>OR PSY234 - Child Development</p> <p><i>Prerequisite courses may be taken concurrently with ECE250.</i></p>
--

ECE260 - Child Guidance

Overview

Course Prefix

ECE

Course Number

260

Course Title

Child Guidance

Degree Attributes

Tuition 2 (1T12)

Course Description

Proactive relationship-based strategies that promote attachment and the social and emotional needs of young children. Focus on strength-based guidance strategies and developmentally appropriate guidance approaches. Emphasis on trauma-informed, brain-based approaches to behavior intervention. This course requires 4 face-to-face observation hours in an early childhood setting.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

3

Lab Hours

Min:

0

ECE270 - Health, Safety and Nutrition

Overview

Course Prefix

ECE

Course Number

270

Course Title

Health, Safety and Nutrition

Degree Attributes

Tuition 2 (1T12)

Course Description

Nutrition education, menu planning, childhood diseases and illness, and sanitation and safety in group settings. Protecting the health and safety of young children and promoting the development of lifelong health habits. Communication with health professionals and parents on health, safety, and nutrition issues. This course meets DES requirements for Health, Safety and Nutrition training. This course requires 4 face-to-face observation hours in an early childhood setting.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

3

Lab Hours

Min:

0

ECE280 - Observation and Assessment of the Young Child

Overview

Course Prefix
ECE

Course Number
280

Course Title

Observation and Assessment of the Young Child

Degree Attributes

Tuition 2 (1T12)

Course Description

Developmentally appropriate, culturally responsive observation and assessment strategies for studying the physical, cognitive, language, social, and emotional development of young children (birth to eight years). Special focus on the development of skills with observation strategies, developmental screenings, and systematic documentation to promote an understanding of child development and to design appropriate programs, environments, and activities. This course requires 30 face-to-face observation hours in an early childhood setting. Prerequisites: ECE 200.

Credit Hours

Credit Hours

Min:
3

Lecture Hours

Min:
2

Lab Hours

Min:
2

Requisites

Simple Requisites

Type
Prerequisite

Complete ALL of the following Courses:

- ECE200 - Introduction to Early Childhood Education

ECE291 - Early Childhood Practicum

Overview

Course Prefix
ECE

Course Number
291

Course Title

Early Childhood Practicum

Degree Attributes

Tuition 2 (1T12)

Course Description

Directed field experiences with young children (birth to eight years) in varied early childhood education settings; applying child development theories and principles in support of developmentally effective approaches; planning and facilitating small and large group play-based learning experiences aligned with Arizona Early Learning Standards; refining observation and evaluation skills; adapting curriculum to children's abilities and interests; practicing effective interactions and child guidance techniques; and evaluating the components of quality early childhood education programs. Approval of the Early Childhood Practicum Application along with evidence of successful completion of the standard security and safety specifications are required prior to enrollment in ECE 291. Prerequisite: ECE 200, ECE 202, ECE 222, ECE 230 (may be taken concurrently), ECE/PSY 234, ECE 270, and ECE 280 (may be taken concurrently).

Credit Hours

Credit Hours

Min:
4

Lecture Hours

Min:
1

Lab Hours

Min:
9

Requisites

Simple Requisites

Type
Prerequisite

Complete ALL of the following Courses:

- ECE200 - Introduction to Early Childhood Education
- ECE202 - Early Childhood Curriculum
- ECE222 - Introduction to the Exceptional Learner
- ECE230 - Language and Literacy Experiences
- ECE234 - Child Development
- OR PSY234 - Child Development
- ECE270 - Health, Safety and Nutrition
- ECE280 - Observation and Assessment of the Young Child

ECE 230 and ECE 280 may be taken concurrently with ECE 291.

ECE296 - Internship: Early Childhood Education

Overview

Course Prefix

ECE

Course Number

296

Course Title

Internship: Early Childhood Education

Degree Attributes

Tuition 2 (1T12)

Course Description

Supervised field experience with businesses, corporations, government agencies, schools and community organizations to expand career interests and apply subject knowledge relevant to the workplace. Individualized internship placements to develop personal and professional skills, including professional ethics, leadership, and civic responsibility.

Prerequisite: Student must have a GPA of 2.0; have completed specific degree requirements as required by the program; and have completed the internship application process. [Repeatable for a total of 6 credit hours towards degree/certificate requirements.] S/U grading only.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

0

Lab Hours

Min:

0

Requisites

Simple Requisites

Type

Prerequisite

Fulfill ALL of the following requirements:

Student must have a GPA of 2.0; have completed specific degree requirements as required by the program; and have completed the internship application process.

ECE298 - Special Topics: Early Childhood Education

Overview

Course Prefix

ECE

Course Number

298

Course Title

Special Topics: Early Childhood Education

Degree Attributes

Tuition 2 (1T12)

Course Description

Introduction to special topics in Early Childhood Education. [Repeatable for a total of 2 credit hours towards degree/certificate requirements.].

Credit Hours

Credit Hours

Min:

1

Lecture Hours

Min:

1

ECE299 - Independent Study Early Childhood Education

Overview

Course Prefix
ECE

Course Number
299

Course Title
Independent Study Early Childhood Education

Degree Attributes
Tuition 2 (1T12)

Course Description
Supervised special project in this field of study. Approval of supervising Dean is required.

Credit Hours

Credit Hours

Min:
1

Max:
6

Credit Hours Operator:
TO

Lecture Hours

Min:
0

Lab Hours

Min:
0

ECN110 - Economics of Sports

Overview

Course Prefix
ECN

Course Number
110

Course Title
Economics of Sports

Degree Attributes
Diversity (2021-99) (DIVC), Social & Behavioral Sciences (SBS), Tuition 2 (1T12)

Course Description

Application of economic theories to various aspects of professional and collegiate sports. Topics covered include the economic impact of sports to a local community, wage discrimination, the economics of publicly and privately funded stadiums, alumni giving, academics, broadcasting, and building a fan base.

Credit Hours

Credit Hours

Min:
3

Lecture Hours

Min:
3

Lab Hours

Min:
0

ECN232 - Business Statistical Analysis

Overview

Course Prefix

ECN

Course Number

232

Course Title

Business Statistical Analysis

Degree Attributes

Quantitative Lit (2021-99) (QLC), Quantitative Reasoning (QR) (QR), SUN# BUS 2201 (Z064), Tuition 2 (1T12)

Course Description

Survey of standard tools of statistical analysis. Topics include descriptive measures, probability, discrete probability distributions, continuous probability distributions, confidence intervals, hypothesis testing, and regression analysis. Prerequisite: MAT 141 or higher, or a satisfactory score on the mathematics skills assessment.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

3

Lab Hours

Min:

0

ECN235 - Principles of Economics - Macro

Overview

Course Prefix

ECN

Course Number

235

Course Title

Principles of Economics - Macro

Degree Attributes

Quantitative Lit (2021-99) (QLC), SUN# ECN 2201 (Z011), Tuition 2 (1T12), Institutions in the Americas (IA)

Course Description

An analysis of the national economy. Topics include macroeconomics problems, policy, standard analyses, international economics, and current thought..

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

3

Lab Hours

Min:

0

ECN236 - Principles of Economics-Micro

Overview

Course Prefix

ECN

Course Number

236

Course Title

Principles of Economics-Micro

Degree Attributes

SUN# ECN 2202 (Z012), Social & Behavioral Sciences (SBS), Tuition 2 (1T12)

Course Description

An analysis of markets. Topics include consumer choice, demand and supply, analyses of market structures, market failures, and current thought.

Credit Hours**Credit Hours****Min:**

3

Lecture Hours**Min:**

3

Lab Hours**Min:**

0

ECN296 - Internship: Economics

Overview

Course Prefix

ECN

Course Number

296

Course Title

Internship: Economics

Degree Attributes

Tuition 2 (1T12)

Course Description

Supervised field experience with businesses, corporations, government agencies, schools and community organizations to expand career interests and apply subject knowledge relevant to the workplace. Individualized internship placements to develop personal and professional skills, including professional ethics, leadership, and civic responsibility.

Prerequisite: Student must have a GPA of 2.0; have completed specific degree requirements as required by the program; and have completed the internship application process. [Repeatable for a total of 6 credit hours towards degree/certificate requirements.] S/U grading only.

Credit Hours**Credit Hours****Min:**

3

Lecture Hours**Min:**

0

Lab Hours**Min:**

0

ECN299 - Independent Study Economics

Overview

Course Prefix

ECN

Course Number

299

Course Title

Independent Study Economics

Degree Attributes

Tuition 2 (1T12)

Course Description

Supervised special project in this field of study. Approval of supervising Dean is required.

Credit Hours

Credit Hours

Min:

1

Max:

6

Credit Hours

Operator:

TO

Lecture Hours

Min:

0

Lab Hours

Min:

0

EDU180 - Education Technology: Teaching and Learning in a Digital Age

Overview

Course Prefix

EDU

Course Number

180

Course Title

Education Technology: Teaching and Learning in a Digital Age

Degree Attributes

Tuition 2 (1T12)

Course Description

Introduction to the rapidly changing nature of computer technology and information systems in teaching and learning and its practical and ethical impact on social, organizational, personal and ethical issues. Exploration of new and emerging education technologies as well as the history of technology integration. Includes the digital divide and its impact on ethnicity and race pertaining to school equality and technology innovation.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

3

Lab Hours

Min:

0

EDU200 - Introduction to Education

Overview

Course Prefix

EDU

Course Number

200

Course Title

Introduction to Education

Degree Attributes

Social & Behavioral Sciences (SBS), Tuition 2 (1T12)

Course Description

Overview of education profession and U.S. educational system; historical development and foundations of education and educational institutions. Includes theories of teaching, the student as learner, current issues and trends in education, the school and community, and roles and responsibilities of the teacher. Includes a field and observation practicum. This course requires 10 face-to-face observation hours in a k-12 setting.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

3

Lab Hours

Min:

0

EDU210 - Cultural Diversity in Education

Overview

Course Prefix

EDU

Course Number

210

Course Title

Cultural Diversity in Education

Degree Attributes

Critical Thinking (2021-99) (CTC), Diversity (2021-99) (DIVC), Tuition 2 (1T12), Institutions in the Americas (IA)

Course Description

Prepares potential teachers to examine how race, ethnicity, and cultural differences influence students' experiences in school. Assists teachers in implementing a multicultural approach to teaching by fostering critical thinking and identifying effective teaching styles and practices for a diverse student population. This course requires 10 face-to-face observation hours in a k-12 setting. Prerequisite: Reading Proficiency.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

3

Lab Hours

Min:

0

Requisites

Simple Requisites

<p>Type Prerequisite</p> <div style="border: 1px solid black; padding: 5px;"><p>Fulfill ALL of the following requirements: Reading Proficiency</p></div>
--

EDU222 - Introduction to the Exceptional Learner

Overview

Course Prefix

EDU

Course Number

222

Course Title

Introduction to the Exceptional Learner

Degree Attributes

Tuition 2 (1T12)

Course Description

Overview of various types of learners with special needs including children with disabilities, gifted learners, and children at risk birth to grade 12. Includes topics on public laws related to individuals with disabilities, identification and assessment of children, characteristics of exceptional learners, inclusion, coordinating with various agencies and specialists, and planning, delivering, and documenting educational services. This course requires 10 observation hours in a special needs or full-inclusion setting. This course is cross-listed with ECE 222.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

3

Lab Hours

Min:

0

EDU230 - Language and Literacy Experiences

Overview

Course Prefix

EDU

Course Number

230

Course Title

Language and Literacy Experiences

Degree Attributes

Tuition 2 (1T12)

Course Description

Language and literacy processes and the way in which literature enriches a child's development. Review of children's literature and methods of enhancing literacy experiences. This course is cross-listed with ECE 230.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

3

Lab Hours

Min:

0

EDU239 - SEI Provisional Endorsement

Overview

Course Prefix

EDU

Course Number

239

Course Title

SEI Provisional Endorsement

Degree Attributes

Tuition 2 (1T12)

Course Description

Prepares certified teachers and administrators who were trained in states other than Arizona or were certified after August 2006 to meet the academic needs of English Language Learner populations and qualifies them for the Provisional SEI Endorsement as required by the Arizona Department of Education.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

3

Lab Hours

Min:

0

EDU240 - Family and Community Partnerships

Overview

Course Prefix

EDU

Course Number

240

Course Title

Family and Community Partnerships

Degree Attributes

Tuition 2 (1T12)

Course Description

School and family relationships with a focus on communication, ethics, professionalism and problem-solving. Impact of the community, its resources and referral systems. Emphasis on families, diversity, multicultural issues and parent involvement. This course is cross-listed with ECE 240.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

3

Lab Hours

Min:

0

EDU242 - The Science of Reading and Structured Literacy Instruction in the K-5 Classroom

Overview

Course Prefix
EDU

Course Number
242

Course Title

The Science of Reading and Structured Literacy Instruction in the K-5 Classroom

Degree Attributes

Tuition 2 (1T12)

Course Description

Provides preservice and K-5 educators with understanding of the research and evidence known as The Science of Reading and how this body of work guides effective and efficient literacy instruction. Exploration into what the research based teaching strategies that promote phonological awareness, phonics, fluency, vocabulary, and comprehension using a systematic, explicit, prescriptive, and multisensory approach so that teachers have the literacy knowledge and understanding needed to ensure all children can learn to read successfully.

This course fulfills the requirements for the Science of Reading and phonics instruction component (45 clock hours/3 credits) of ADE's K-5 Literacy Endorsement certification.

Credit Hours

Credit Hours

Min:
3

Lecture Hours

Min:
3

Lab Hours

Min:
0

EDU243 - Reading Instruction & Intervention

Overview

Course Prefix
EDU

Course Number
243

Course Title

Reading Instruction & Intervention

Degree Attributes

Tuition 2 (1T12)

Course Description

Identification of dyslexia symptoms through screening and evaluation tools as determined by the Arizona Department of Education. Ongoing diagnostic and classroom-based instructional assessments that screen for indicators of dyslexia, including phonological awareness, rapid naming skills, letter/sound correspondence, nonsense word fluency, and symbol recognition. Effective interventions and teaching strategies that address the needs of students with dyslexia. Utilization of the International Dyslexia Association Knowledge and Practice Standards for Teachers of Reading. Arizona Department of Education Certificate requirement for K-3 teachers and K-5 teachers of reading. Preparation for Foundations of Reading exam.

Credit Hours

Credit Hours

Min:
3

Lecture Hours

Min:
3

Lab Hours

Min:
0

EDU296 - Internship: Education

Overview

Course Prefix

EDU

Course Number

296

Course Title

Internship: Education

Degree Attributes

Tuition 2 (1T12)

Course Description

Supervised field experience with businesses, corporations, government agencies, schools and community organizations to expand career interests and apply subject knowledge relevant to the workplace. Individualized internship placements to develop personal and professional skills, including professional ethics, leadership, and civic responsibility.

Prerequisite: Student must have a GPA of 2.0; have completed specific degree requirements as required by the program; and have completed the internship application process. [Repeatable for a total of 6 credit hours towards degree/certificate requirements.] S/U grading only.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

0

Lab Hours

Min:

0

Requisites

Simple Requisites

Type

Prerequisite

Fulfill ALL of the following requirements:

Student must have a GPA of 2.0; have completed specific degree requirements as required by the program; and have completed the internship application process.

EDU299 - Independent Study Education

Overview

Course Prefix

EDU

Course Number

299

Course Title

Independent Study Education

Degree Attributes

Tuition 2 (1T12)

Course Description

Supervised special project in this field of study. Approval of supervising Dean is required.

Credit Hours

Credit Hours

Min:

1

Max:

6

Credit Hours

Operator:

TO

Lecture Hours

Min:

0

Lab Hours

Min:

0

EGR102 - Introduction to Engineering

Overview

Course Prefix

EGR

Course Number

102

Course Title

Introduction to Engineering

Degree Attributes

SUN# EGR 1102 (Z070), Tuition 2 (1T12)

Course Description

Introduction to the field of engineering. Emphasizes the integration of teamwork, problem solving, and verbal communication skills into a design project. Prerequisite: MAT 182 and MAT 183. Reading Proficiency.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

2

Lab Hours

Min:

2

Requisites

Simple Requisites

Type

Prerequisite

Complete ANY of the following Courses:

- MAT182 - Precalculus (Algebra)
AND MAT183 - Precalculus (Trigonometry)

Reading Proficiency.

EGR110 - Introduction to Digital Design

Overview

Course Prefix

EGR

Course Number

110

Course Title

Introduction to Digital Design

Degree Attributes

Tuition 2 (1T12)

Course Description

Introduction to logic circuits and digital subsystems using individual components, MSI and LSI circuits, and design of state machines. Includes number systems, logic gates, combinational logic, simplification techniques, encoders, decoders, flip-flops, counters, registers, memory, digital-to-analog and analog-to-digital converters, programmable logic devices (PLDs) and hardware description language (HDL). Prerequisites: Reading Proficiency. MAT 182 and MAT 183 (may be taken concurrently).

Credit Hours

Credit Hours

Min:

4

Lecture Hours

Min:

3

Lab Hours

Min:

2

Requisites

Simple Requisites

Type

Prerequisite

Complete ANY of the following Courses:

- MAT182 - Precalculus (Algebra)
AND MAT183 - Precalculus (Trigonometry)

Reading Proficiency.

MAT182 and MAT183 may be taken concurrently.

EGR180 - CAD (Computer-Aided Drawing) with SolidWorks

Overview

Course Prefix

EGR

Course Number

180

Course Title

CAD (Computer-Aided Drawing) with SolidWorks

Degree Attributes

Tuition 2 (1T12)

Course Description

Fundamentals of graphical communications, including sketching, computer-aided drafting, design, and parametric modeling.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

2

Lab Hours

Min:

2

EGR210 - Introduction to Electrical Engineering

Overview

Course Prefix

EGR

Course Number

210

Course Title

Introduction to Electrical Engineering

Degree Attributes

Tuition 2 (1T12)

Course Description

Introduces electrical engineering fundamentals including DC and AC circuit analysis, operational amplifiers, transformers, and AC power. Also introduces electrical lab equipment, electrical circuit simulation, construction and testing. Prerequisites: Reading Proficiency. MAT 221 (may be taken concurrently)

Credit Hours

Credit Hours

Min:

4

Lecture Hours

Min:

3

Lab Hours

Min:

2

Requisites

Simple Requisites

Type

Prerequisite

Complete ALL of the following Courses:

- MAT221 - Calculus and Analytic Geometry I

Reading Proficiency.

Prerequisite course may be taken concurrently with EGR210.

EGR299 - Independent Study Engineering

Overview

Course Prefix

EGR

Course Number

299

Course Title

Independent Study Engineering

Degree Attributes

Tuition 2 (1T12)

Course Description

Supervised special project in this field of study. Approval of supervising Division Dean is required.

Credit Hours

Credit Hours**Min:**

1

Max:

6

Credit Hours**Operator:**

TO

Lecture Hours**Min:**

0

Lab Hours**Min:**

0

ELT101 - Basic Electricity: AC & DC

Overview

Course Prefix

ELT

Course Number

101

Course Title

Basic Electricity: AC & DC

Degree Attributes

Tuition 2 (1T12)

Course Description

Basic principles of Alternating Current (AC) and Direct Current (DC) electricity. Examination of the structures and functions of AC and DC circuits including series, parallel and series-parallel circuits. Includes an overview of electric systems.

Credit Hours

Credit Hours**Min:**

4

Lecture Hours**Min:**

3

Lab Hours**Min:**

2

ELT102 - Power Electronic Fundamentals

Overview

Course Prefix

ELT

Course Number

102

Course Title

Power Electronic Fundamentals

Degree Attributes

Tuition 2 (1T12)

Course Description

A survey of electronics fundamentals to include active device circuits, power supplies, sensors and variable frequency drives. Prerequisite: ELT 101 or ELT 112.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

2

Lab Hours

Min:

2

Requisites

Simple Requisites

Type

Prerequisite

Complete ALL of the following Courses:

- ELT101 - Basic Electricity: AC & DC
OR ELT112 - AC Electrical Systems

May be taken concurrently.

ELT111 - DC Electrical Systems

Overview

Course Prefix

ELT

Course Number

111

Course Title

DC Electrical Systems

Degree Attributes

Tuition 2 (1T12)

Course Description

Utilize the principles of direct current (DC) electricity and electronic test equipment to analyze, troubleshoot and repair DC electrical circuits.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

2

Lab Hours

Min:

2

ELT112 - AC Electrical Systems

Overview

Course Prefix

ELT

Course Number

112

Course Title

AC Electrical Systems

Degree Attributes

Tuition 2 (1T12)

Course Description

Utilize the principles of alternating current (AC) electricity and electronic test equipment to analyze, troubleshoot and repair AC electrical circuits. Prerequisite : ELT 111 (may be taken concurrently).

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

2

Lab Hours

Min:

2

Requisites

Simple Requisites

Type

Prerequisite

Complete ALL of the following Courses:

- ELT111 - DC Electrical Systems

Prerequisite course may be taken concurrently with ELT112.

ELT115 - Conduits and Raceways

Overview

Course Prefix

ELT

Course Number

115

Course Title

Conduits and Raceways

Degree Attributes

Tuition 2 (1T12)

Course Description

Layout, bending and assembly of conduit systems.

Credit Hours

Credit Hours

Min:

1

Lecture Hours

Min:

0.5

Lab Hours

Min:

1

ELT126 - Solid State Devices

Overview

Course Prefix

ELT

Course Number

126

Course Title

Solid State Devices

Degree Attributes

Tuition 2 (1T12)

Course Description

Characteristics and operation of solid state devices including diodes, thyristors, bipolar and field effect transistors. Includes power supplies, diode circuits, transistor biasing and operation, triacs, and silicon-controlled rectifiers. Prerequisite: ELT 111 and ELT 112.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

2

Lab Hours

Min:

2

Requisites

Simple Requisites

Type

Prerequisite

Complete ALL of the following Courses:

- ELT111 - DC Electrical Systems
- ELT112 - AC Electrical Systems

ELT130 - Introduction to Robotics

Overview

Course Prefix

ELT

Course Number

130

Course Title

Introduction to Robotics

Degree Attributes

Tuition 2 (1T12)

Course Description

Fundamental concepts of robotics including how robots move, sense, and perceive the world around them. Hands-on operation and programming of collaborative robots.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

2

Lab Hours

Min:

2

ELT135 - Robot Operator

Overview

Course Prefix

ELT

Course Number

135

Course Title

Robot Operator

Degree Attributes

Tuition 2 (1T12)

Course Description

Fundamentals of robot operation, programming and maintenance including robot movement, robot sensing, decision-making with input/output (I/O) devices, and tooling. Provides the opportunity to certify as FANUC HandlingTool Operator/Programmers and Kuka Robot Operator/Programmers.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

2

Lab Hours

Min:

2

ELT140 - Machine Vision

Overview

Course Prefix

ELT

Course Number

140

Course Title

Machine Vision

Degree Attributes

Tuition 2 (1T12)

Course Description

Foundational skills required to set up, teach, test, and modify machine vision systems used in robotic and integrated manufacturing work cells. Machine vision system applications including object detection, error proofing, and safety bounding. Prerequisite: ELT 135 (may be taken concurrently).

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

2

Lab Hours

Min:

2

Requisites

Simple Requisites

Type

Prerequisite

Complete ALL of the following Courses:

- ELT135 - Robot Operator

ELT 135 may be taken concurrently with ELT 140

ELT141 - Electrical Apparatus

Overview

Course Prefix

ELT

Course Number

141

Course Title

Electrical Apparatus

Degree Attributes

Tuition 2 (1T12)

Course Description

Overview of transformers and their operation including single and three-phase theory. Focus is on construction and hook-up of single-phase, three-phase, open Y and Delta transformer connections. Covers capacitor banks, including application and installation. Prerequisite: ELT 101 (May be taken concurrently) or ELT 112 (May be taken concurrently).

Credit Hours

Credit Hours

Min:

4

Lecture Hours

Min:

2

Lab Hours

Min:

4

Requisites

Simple Requisites

Type

Prerequisite

Complete ALL of the following Courses:

- ELT101 - Basic Electricity: AC & DC
OR ELT112 - AC Electrical Systems

Prerequisite courses may be taken concurrently with ELT141.

ELT162 - Microprocessors and Microcontrollers

Overview

Course Prefix

ELT

Course Number

162

Course Title

Microprocessors and Microcontrollers

Degree Attributes

Tuition 2 (1T12)

Course Description

An introduction to microprocessor and microcontroller architecture and programming. Topics include, memory, instruction sets, addressing modes, serial/parallel interfacing, input/output devices, programming techniques and troubleshooting. Real-time applications are studied and verified on actual microprocessors. Prerequisite: ELT 183

Credit Hours

Credit Hours

Min:

2

Lecture Hours

Min:

1

Lab Hours

Min:

2

Requisites

Simple Requisites

Type

Prerequisite

Complete ALL of the following Courses:

- ELT183 - Digital Circuits

ELT165 - Programmable Logic Controllers

Overview

Course Prefix

ELT

Course Number

165

Course Title

Programmable Logic Controllers

Degree Attributes

Tuition 2 (1T12)

Course Description

Introduction to programmable logic controller (PLC) architecture and programming. Topics include, memory, instruction sets, addressing modes, serial/parallel interfacing, relay/ladder logic, and troubleshooting. Real-time applications are studied and verified on actual PLCs and using simulation. Prerequisites: ELT 101 or ELT 111

Credit Hours

Credit Hours

Min:

2

Lecture Hours

Min:

1

Lab Hours

Min:

2

Requisites

Simple Requisites

Type

Prerequisite

Complete ALL of the following Courses:

- ELT101 - Basic Electricity: AC & DC
OR ELT111 - DC Electrical Systems

ELT183 - Digital Circuits

Overview

Course Prefix

ELT

Course Number

183

Course Title

Digital Circuits

Degree Attributes

Tuition 2 (1T12)

Course Description

Introduction to logic circuits used in computers and other digital equipment. Includes number systems, logic gates, combinational logic, simplification techniques, encoders, decoders, flip-flops, counters, registers, memory, digital-to-analog and analog-to-digital converters, programmable logic devices (PLDs) and hardware description language (HDL).

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

2

Lab Hours

Min:

2

ELT198 - Electronics Topics:

Overview

Course Prefix

ELT

Course Number

198

Course Title

Electronics Topics:

Degree Attributes

Tuition 2 (1T12)

Course Description

Exploration of electronics, instrumentation or process control topics outside of our standard curriculum.

Credit Hours

Credit Hours**Min:**

1

Max:

3

Credit Hours**Operator:**

TO

Lecture Hours**Min:**

1

Max:

3

Lecture Hours**Operator:**

TO

Lab Hours**Min:**

1

Max:

3

Lab Hours**Operator:**

TO

ELT220 - National Electrical Codes

Overview

Course Prefix

ELT

Course Number

220

Course Title

National Electrical Codes

Degree Attributes

Tuition 2 (1T12)

Course Description

Prepares students to use NEC as a guide for the safe installation of electrical equipment in a residential setting. Emphasizes charts, rulings, wire methods, and state and local regulations. Includes applying appropriate code to all aspects of electrical installation.

Credit Hours

Credit Hours**Min:**

3

Lecture Hours**Min:**

2

Lab Hours**Min:**

2

ELT221 - Communication Systems and Circuits

Overview

Course Prefix

ELT

Course Number

221

Course Title

Communication Systems and Circuits

Degree Attributes

Tuition 2 (1T12)

Course Description

Theory and principles of modern electronic communication systems. Topics include: electromagnetism, functional blocks of communications systems, amplitude modulation (AM) transmission and reception, superheterodyne receivers, systems for frequency synthesis, frequency modulation (FM) transmission and reception, transmission lines, antennas and wave propagation, and fiber optics. Emphasis on analysis and troubleshooting of electronic communication systems and circuits to the component level. Prerequisite: ELT 126 and ELT 162.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

2

Lab Hours

Min:

2

Requisites

Simple Requisites

Type

Prerequisite

Complete ALL of the following Courses:

- ELT126 - Solid State Devices
- ELT162 - Microprocessors and Microcontrollers

ELT230 - Robot End Effectors

Overview

Course Prefix

ELT

Course Number

230

Course Title

Robot End Effectors

Degree Attributes

Tuition 2 (1T12)

Course Description

Robot end effectors used in industrial manufacturing and processing applications. Emphasis on selection and integration with robotic and integrated manufacturing workflows. Prerequisites: ELT 130 or ELT 135 (may be taken concurrently).

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

2

Lab Hours

Min:

2

Requisites

Simple Requisites

Type

Prerequisite

Complete ALL of the following Courses:

- ELT130 - Introduction to Robotics
- OR ELT135 - Robot Operator

ELT130 or ELT135 may be taken concurrently.

ELT235 - Integrated Manufacturing Systems

Overview

Course Prefix

ELT

Course Number

235

Course Title

Integrated Manufacturing Systems

Degree Attributes

Tuition 2 (1T12)

Course Description

Concepts and technologies of integrated manufacturing systems including robotics, instrumentation, computer numerical control (CNC), programmable logic controllers (PLCs), supervisory control and data acquisition (SCADA) systems, industrial communication protocols, and human-machine interfaces (HMIs). Emphasis is placed on system design, interoperability, and real-world applications. Hands-on experience with integrated manufacturing systems. Prerequisite: ELT 230 (may be taken concurrently)

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

2

Lab Hours

Min:

2

Requisites

Simple Requisites

Type

Prerequisite

Complete ALL of the following Courses:

- ELT230 - Robot End Effectors

May be taken concurrently.

ELT240 - Advanced Applications in Robotics

Overview

Course Prefix

ELT

Course Number

240

Course Title

Advanced Applications in Robotics

Degree Attributes

Tuition 2 (1T12)

Course Description

Capstone project class focused on implementing advanced and emerging technologies including artificial intelligence, autonomous robots, and other advanced sensory and processing technologies. Prerequisites: ELT 230 and ELT 235 (may be taken concurrently).

Credit Hours

Credit Hours

Min:

2

Lecture Hours

Min:

0

Lab Hours

Min:

4

Requisites

Simple Requisites

Type

Prerequisite

Complete ALL of the following Courses:

- ELT230 - Robot End Effectors
- ELT235 - Integrated Manufacturing Systems

ELT230 and ELT235 may be taken concurrently.

ELT258 - Electronic Troubleshooting

Overview

Course Prefix

ELT

Course Number

258

Course Title

Electronic Troubleshooting

Degree Attributes

Tuition 2 (1T12)

Course Description

Problem solving techniques and methodology using foundational concepts of DC, AC, solid state devices and digital circuits. Emphasis on troubleshooting utilizing analog and digital test equipment to identify faults in a variety of nonfunctional circuits and equipment. Capstone course of the Electrical & Instrumentation Technology degree program and Electronics Technology certificate programs. Prerequisite: ELT 126 and ELT 162.

Credit Hours

Credit Hours

Min:

2

Lecture Hours

Min:

0

Lab Hours

Min:

4

Requisites

Simple Requisites

Type

Prerequisite

Complete ALL of the following Courses:

- ELT126 - Solid State Devices
- ELT162 - Microprocessors and Microcontrollers

ELT271 - Process Control Instrumentation

Overview

Course Prefix

ELT

Course Number

271

Course Title

Process Control Instrumentation

Degree Attributes

Tuition 2 (1T12)

Course Description

Instrumentation associated with industrial process control, including measurements of pressure, force, weight, motion, flow, level, and temperature; analytical measurement and procedures for safety, calibration and testing. Prerequisite: ELT 126.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

2

Lab Hours

Min:

2

Requisites

Simple Requisites

Type

Prerequisite

Complete ALL of the following Courses:

- ELT126 - Solid State Devices

ELT272 - Motors and Motor Control

Overview

Course Prefix

ELT

Course Number

272

Course Title

Motors and Motor Control

Degree Attributes

Tuition 2 (1T12)

Course Description

Characteristics, performance and control of rotating electrical machinery, transformers and associated equipment. Prerequisite: ELT 126.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

2

Lab Hours

Min:

2

Requisites

Simple Requisites

Type

Prerequisite

Complete ALL of the following Courses:

- ELT126 - Solid State Devices

ELT279 - Tools for Electronic Troubleshooting

Overview

Course Prefix

ELT

Course Number

279

Course Title

Tools for Electronic Troubleshooting

Degree Attributes

Tuition 2 (1T12)

Course Description

Tools for diagnostic and troubleshooting including technical reference research, technical documentation, diagnostic histories, test equipment, and proper maintenance and calibration techniques of test equipment. Additional practice using standard and specialty electronic test equipment. Prerequisite: ELT 221 (maybe taken concurrently) or Instructor permission.

Credit Hours

Credit Hours

Min:

2

Lecture Hours

Min:

0

Lab Hours

Min:

4

Requisites

Simple Requisites

Type

Prerequisite

Complete ALL of the following Courses:

- ELT221 - Communication Systems and Circuits

OR Instructor permission.

Prerequisite course may be taken concurrently with ELT279.

ELT295 - Apprenticeship: Electrical Instrumentation

Overview

Course Prefix
ELT

Course Number
295

Course Title

Apprenticeship: Electrical Instrumentation

Degree Attributes

Tuition 2 (1T12)

Course Description

Supervised field experience in electrical and instrumentation, motor control and/or process control. [Repeatable for a total of 12 credit hours towards degree/certificate requirements.] S/U grading only. Prerequisite: Program Admission.

Credit Hours

Credit Hours

Min:
3

Lecture Hours

Min:
0

Lab Hours

Min:
0

Requisites

Simple Requisites

<p>Type Prerequisite</p> <p>Fulfill ALL of the following requirements: Program Admission</p>
--

ELT296 - Internship: Electrical Technician

Overview

Course Prefix
ELT

Course Number
296

Course Title

Internship: Electrical Technician

Degree Attributes

Tuition 2 (1T12)

Course Description

Supervised field experience with businesses, corporations, government agencies, schools or community organizations to expand career interests and apply subject knowledge relevant to the workplace. Individualized internship placements to develop personal and professional skills, including professional ethics, leadership, and civic responsibility. Prerequisite: Student must have a GPA of 2.0; have completed specific degree requirements as required by the program; and have completed the internship application process. [Repeatable for a total of 6 credit hours towards degree/certificate requirements.] S/U grading only.

Credit Hours

Credit Hours

Min:
3

Lecture Hours

Min:
0

Lab Hours

Min:
0

Requisites

Simple Requisites

<p>Type Prerequisite</p> <p>Fulfill ALL of the following requirements: Student must have a GPA of 2.0; have completed specific degree requirements as required by the program; and have completed the internship application process.</p>

ELT299 - Independent Study Electronics Technology

Overview

Course Prefix
ELT

Course Number
299

Course Title
Independent Study Electronics Technology

Degree Attributes
Tuition 2 (1T12)

Course Description
Supervised special project in this field of study. Approval of supervising Dean is required.

Credit Hours

Credit Hours

Min:
1

Max:
6

Credit Hours Operator:
TO

Lecture Hours

Min:
0

Lab Hours

Min:
0

EMS120 - Basic First Aid, CPR and AED

Overview

Course Prefix
EMS

Course Number
120

Course Title
Basic First Aid, CPR and AED

Degree Attributes
Tuition 3 (1T13)

Course Description

First Aid for victims of all ages. Includes basic recognition and care of medical and trauma patients. Awareness of environmental emergencies including bites, stings, and exposure to hot and cold. Cardiopulmonary resuscitation (CPR) and Automated External defibrillator (AED) use. Meets the requirements of Heartsaver First Aid by the American Heart Association. A-F grading only.

Credit Hours

Credit Hours

Min:
0.5

Lecture Hours

Min:
0.5

Lab Hours

Min:
0

EMS123 - Cardiopulmonary Resuscitation for the Health Care Provider

Overview

Course Prefix
EMS

Course Number
123

Course Title

Cardiopulmonary Resuscitation for the Health Care Provider

Degree Attributes

Tuition 3 (1T13)

Course Description

CPR for victims of all ages. Includes ventilation with a barrier device, a bag-valve-mask device and oxygen, and use of an automated external defibrillator (AED). Meets the requirements of Healthcare Provider CPR & AED by the American Heart Association. (S/U grading only.).

Credit Hours

Credit Hours

Min:
0.5

Lecture Hours

Min:
0.5

Lab Hours

Min:
0

EMS126 - Wilderness First Responder

Overview

Course Prefix
EMS

Course Number
126

Course Title

Wilderness First Responder

Degree Attributes

Tuition 3 (1T13)

Course Description

Principles and skills to make critical medical and evacuation decisions and take appropriate action in remote locations where advanced medical assistance is more than one hour away.

Credit Hours

Credit Hours

Min:
3

Lecture Hours

Min:
3

Lab Hours

Min:
0

EMS143 - Emergency Med Tech Practicum

Overview

Course Prefix

EMS

Course Number

143

Course Title

Emergency Med Tech Practicum

Degree Attributes

Tuition 3 (1T13)

Course Description

Designed to provide hospital, clinical, and field experiences for EMT students. Students will observe emergency department operations for a period sufficient to gain an appreciation for the continuum of care. During these experiences, students must demonstrate competency in patient assessments as outlined by the program. These experiences will be performed in an emergency department, ambulance, clinic, nursing home, doctor’s office, etc. or on standardized patients in a simulation education setting. The student must participate in and document patient contacts in a field experience approved by the medical director and program director. Upon successful completion of EMS 143, EMS 144, and EMS 144L, students will synthesize EMT standard of care and scope of practice, allowing the program to submit their name to sit for the exam required to become an NREMT certified EMT. A-F grading only. Corequisites: EMS 144 and EMS 144L.

Credit Hours

Credit Hours

Min:

2

Lecture Hours

Min:

0

Lab Hours

Min:

4

Requisites

Simple Requisites

Untitled Requirement

Type

Corequisite

Complete ALL of the following Courses:

- EMS144 - Emergency Medical Technician
- EMS144L - Emergency Medical Technician Lab

EMS144 - Emergency Medical Technician

Overview

Course Prefix

EMS

Course Number

144

Course Title

Emergency Medical Technician

Degree Attributes

Tuition 3 (1T13)

Course Description

Preparation for employment as competent entry-level Emergency Medical Technicians (EMTs). Introductory survey of emergency medical services, including but not limited to preparatory, airway and double lumen device, patient assessment, medical behavioral emergencies, obstetrics and gynecology, trauma, pediatrics and infants, geriatrics, and operations. Upon successful completion of EMS 144, EMS 144L, and EMS 143, with a grade of “C” or better, the program will submit the student’s name to take the National Registry of EMT certification examination for EMT. A-F grading only. Corequisites: EMS 144L and EMS 143.

Credit Hours

Credit Hours

Min:

10

Lecture Hours

Min:

10

Lab Hours

Min:

0

Requisites

Simple Requisites

Untitled Requirement

Type

Corequisite

Complete ALL of the following Courses:

- EMS143 - Emergency Med Tech Practicum
- EMS144L - Emergency Medical Technician Lab

EMS144L - Emergency Medical Technician Lab

Overview

Course Prefix

EMS

Course Number

144L

Course Title

Emergency Medical Technician Lab

Degree Attributes

Tuition 3 (1T13)

Course Description

Practical application of the didactic instruction received in EMS 144 to include: medical, legal and ethical aspects; techniques of CPR, AED, extrication, management of trauma and medical emergencies; and the administration of appropriate medical care. Discussion and application of basic computer skills in the health care industry are also covered. A-F grading only. Corequisites: EMS 144 and EMS 143.

Credit Hours

Credit Hours

Min:

4

Lecture Hours

Min:

0

Lab Hours

Min:

8

Requisites

Simple Requisites

Untitled Requirement

Type

Corequisite

Complete ALL of the following Courses:

- EMS143 - Emergency Med Tech Practicum
- EMS144 - Emergency Medical Technician

EMS162 - Introduction to Pharmacology for EMS Professionals

Overview

Course Prefix

EMS

Course Number

162

Course Title

Introduction to Pharmacology for EMS Professionals

Degree Attributes

Tuition 3 (1T13)

Course Description

Overview of the principles of pharmacology and pharmacologic agents utilized in patient management plans. Includes pharmacokinetics, pharmacodynamics, physiology of pharmacology, calculating drug dosages, and drug profiles. A-F grading only. Prerequisite: Program Admission.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

3

Lab Hours

Min:

0

Requisites

Simple Requisites

Type

Prerequisite

Fulfill ALL of the following requirements:

Program Admission

EMS164 - ECG Rhythm Analysis & Interpretation for EMS Professionals

Overview

Course Prefix
EMS

Course Number
164

Course Title
ECG Rhythm Analysis & Interpretation for EMS Professionals

Degree Attributes
Tuition 3 (1T13)

Course Description
Overview of the anatomy and physiology of the cardiovascular system and electrophysiology of the cardiac conduction system for Emergency Medical Service professionals. Basic electrocardiograph (ECG) multi-lead acquisition, analysis, and interpretation of various dysrhythmias and cardiovascular conditions. A-F grading only. Prerequisite: Program Admission.

Credit Hours

Credit Hours

Min:
3

Lecture Hours

Min:
3

Requisites

Simple Requisites

Type Prerequisite
Fulfill ALL of the following requirements: Program Admission

EMS201 - Advanced Cardiac Life Support Initial Provider in Paramedicine

Overview

Course Prefix
EMS

Course Number
201

Course Title
Advanced Cardiac Life Support Initial Provider in Paramedicine

Degree Attributes
Tuition 3 (1T13)

Course Description
Provides the knowledge and skills needed to recognize and manage cardiopulmonary arrest, acute dysrhythmia, stroke, and acute coronary syndromes according to current emergency cardiovascular care guidelines. Integrates knowledge of basic electrocardiographic rhythm interpretation, pharmacologic agents, and other interventions used in advanced cardiac life support. Prerequisite: Program Admission.

Credit Hours

Credit Hours

Min:
1

Lecture Hours

Min:
1

Lab Hours

Min:
0

Requisites

Simple Requisites

Type Prerequisite
Fulfill ALL of the following requirements: Program Admission

EMS202 - Pediatric Advanced Life Support Initial Provider in Paramedicine

Overview

Course Prefix
EMS

Course Number
202

Course Title

Pediatric Advanced Life Support Initial Provider in Paramedicine

Degree Attributes

Tuition 3 (1T13)

Course Description

Provides the knowledge and skills needed to recognize and manage an infant, child, or adolescent in respiratory compromise, circulatory compromise, or cardiopulmonary arrest according to current Pediatric Advanced Life Support and emergency cardiovascular care guidelines. Integrates knowledge of basic electrocardiographic rhythm interpretation, pharmacologic agents and other interventions used in pediatric emergencies. A-F grading only. Prerequisite: Program Admission.

Credit Hours

Credit Hours

Min:
1

Lecture Hours

Min:
1

Lab Hours

Min:
0

Requisites

Simple Requisites

Type
Prerequisite

Fulfill ALL of the following requirements:
Program Admission

EMS203 - Pre-hospital Trauma Life Support

Overview

Course Prefix
EMS

Course Number
203

Course Title

Pre-hospital Trauma Life Support

Degree Attributes

Tuition 3 (1T13)

Course Description

Designed to provide the knowledge and skills needed to recognize and manage various trauma conditions and environmental injuries according to the International Trauma Life Support provider/ Prehospital Trauma Life Support guidelines. Prerequisite: Program Admission

Credit Hours

Credit Hours

Min:
1

Lecture Hours

Min:
1

Lab Hours

Min:
0

Requisites

Simple Requisites

Type
Prerequisite

Fulfill ALL of the following requirements:
Program Admission

EMS211 - Emergency Medical Technician Refresher

Overview

Course Prefix EMS **Course Number** 211

Course Title
Emergency Medical Technician Refresher

Degree Attributes
Tuition 3 (1T13)

Course Description
aNew techniques and review of principles in client care, basic life support and transportation of sick and injured. Meets Arizona Department of Health Services refresher training requirements. S/U grading only. On the first day of class, the student will need to submit:

1. One of the following -
 - a) Current certification from the DHS as an EMT or higher EMCT classification, or
 - b) Documentation of completion of prior training in an EMT course within the past two (2) years, or
 - c) Documentation of current National Registry of EMTs at the EMT or higher EMCT classification, or
 - d) Documentation from National Registry of EMTs requiring the student to complete the EMT refresher course to be eligible for registration in the National Registry of EMTs, AND
2. Documentation of current certification in adult, pediatric, and infant cardiopulmonary resuscitation through instruction consistent with American Heart Association recommendations for emergency cardiovascular care by EMCTs. This would include applicable courses from the following associations: American Heart Association (AHA), American Red Cross (ARC), National Safety Council (NSC), Medic First Aid (MFA), American Health and Safety (ASHI) and the Military Training Network (MTN).

Credit Hours

Credit Hours

Min:
2

Lecture Hours

Min:
2

Lab Hours

Min:
0

EMS239 - Airway and Ventilatory Management in Paramedicine

Overview

Course Prefix EMS **Course Number** 239

Course Title
Airway and Ventilatory Management in Paramedicine

Degree Attributes
Tuition 3 (1T13)

Course Description
Designed to prepare students to integrate the knowledge of the respiratory system, comprehensive assessment practices, and pharmacologic agents to formulate a differential diagnosis and implement airway and ventilatory management plans for medical emergencies and trauma. Prepares students to perform comprehensive assessments and techniques in the paramedic scope of practice for assuring airway patency, adequate mechanical ventilation, and respiration for all age groups. A-F grading only. Prerequisite: Program Admission.

Credit Hours

Credit Hours

Min:
2

Lecture Hours

Min:
2

Lab Hours

Min:
0

Requisites

Simple Requisites

<p>Type Prerequisite</p> <p>Fulfill ALL of the following requirements: Program Admission</p>
--

EMS252 - Pharmacology in Paramedicine

Overview

Course Prefix

EMS

Course Number

252

Course Title

Pharmacology in Paramedicine

Degree Attributes

Tuition 3 (1T13)

Course Description

Provides an overview of the pathophysiologic principles of pharmacology, pharmacologic agents in the paramedic scope of practice, and the practice of medication administration. Prepares students to integrate comprehensive knowledge of the pathophysiologic principles of pharmacology and pharmacologic agents to formulate a differential diagnosis and to implement a management plan for medical emergencies and trauma. A-F grading only. Prerequisite: Program Admission.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

3

Lab Hours

Min:

0

Requisites

Simple Requisites

Type

Prerequisite

Fulfill ALL of the following requirements:

Program Admission

EMS254 - Paramedic Practicum I

Overview

Course Prefix

EMS

Course Number

254

Course Title

Paramedic Practicum I

Degree Attributes

Tuition 3 (1T13)

Course Description

Precepted paramedicine practicum in which the student synthesizes standard of care and scope of practice with a comprehensive assessment and diagnostic technology, patient advocacy, ethical and professional behaviors, critical thinking, decision making, and patient management of medical emergencies and trauma in a clinical setting. A-F grading only. Prerequisite: Program Admission.

Credit Hours

Credit Hours

Min:

1

Lecture Hours

Min:

0

Lab Hours

Min:

2

Requisites

Simple Requisites

Type

Prerequisite

Fulfill ALL of the following requirements:

Program Admission

EMS257 - ALS: Paramedic Refresher

Overview

Course Prefix

EMS

Course Number

257

Course Title

ALS: Paramedic Refresher

Degree Attributes

Tuition 3 (1T13)

Course Description

The Advanced Life Support (ALS): Paramedic Refresher course is structured to deliver a comprehensive review and practical update on essential paramedic skills and knowledge. The ALS: Paramedic Refresher course is meticulously aligned with national recertification requirements and state/local guidelines, incorporating up-to-date, evidence-based practices to reinforce proficiency and prepare paramedics for the demands of the prehospital environment. Prerequisite: Program Director approval.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

2

Lab Hours

Min:

2

Requisites

Simple Requisites

Type

Prerequisite

Fulfill ALL of the following requirements:

Program Director approval.

EMS265 - Paramedic Practicum II

Overview

Course Prefix

EMS

Course Number

265

Course Title

Paramedic Practicum II

Degree Attributes

Tuition 3 (1T13)

Course Description

Precepted paramedic practicum in which the student synthesizes standard of care and scope of practice with comprehensive assessment and diagnostic technology, patient advocacy, ethical and professional behavior, critical thinking and decision making, and patient management of medical emergencies and trauma in the out-of-hospital setting. A-F grading only. Prerequisite: Program Admission.

Credit Hours

Credit Hours

Min:

1

Lecture Hours

Min:

0

Lab Hours

Min:

2

Requisites

Simple Requisites

Type

Prerequisite

Fulfill ALL of the following requirements:

Program Admission

EMS267 - Technical Operations in Paramedicine

Overview

Course Prefix

EMS

Course Number

267

Course Title

Technical Operations in Paramedicine

Degree Attributes

Tuition 3 (1T13)

Course Description

Overview of emergency medical service systems, safety and wellness, resiliency, health, medical/legal and ethical issues, EMS communications, documentation, and crime scene awareness. Examines the paramedic's role and responsibility to assure personal, patient, and public health and safety in the provision of professional emergency care.

Prerequisite: Program Admission.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

3

Lab Hours

Min:

0

Requisites

Simple Requisites

Type

Prerequisite

Fulfill ALL of the following requirements:

Program Admission

EMS269 - Trauma Patient Management in Paramedicine

Overview

Course Prefix

EMS

Course Number

269

Course Title

Trauma Patient Management in Paramedicine

Degree Attributes

Tuition 3 (1T13)

Course Description

Provides an overview of transport operations, incident management, multi-casualty incidents, extraction, special rescue, hazardous material incidents, terrorism incidents, and disaster response. Provide an overview of pathophysiologic principles, epidemiology, comprehensive assessment, differential diagnosis, and pharmacology for various trauma conditions. Prepares students to implement a management plan in the paramedic scope of practice for hemorrhage, soft tissue trauma, burns, face and neck trauma, head and spine trauma, chest trauma, abdominal and genitourinary trauma, orthopedic trauma, and environmental emergencies. A-F grading only. Prerequisite: Program Admission.

Credit Hours

Credit Hours

Min:

2

Lecture Hours

Min:

2

Lab Hours

Min:

0

Requisites

Simple Requisites

Type

Prerequisite

Fulfill ALL of the following requirements:

Program Admission

EMS271 - Medical Emergencies in Paramedicine I

Overview

Course Prefix
EMS

Course Number
271

Course Title
Medical Emergencies in Paramedicine I

Degree Attributes
Tuition 3 (1T13)

Course Description
Designed to provide an overview of pathophysiologic principles, epidemiology, comprehensive assessment, differential diagnosis, and pharmacology for respiratory and cardiovascular emergencies. Prepares students to implement a management plan in the Paramedic Scope of Practice for respiratory and cardiovascular emergencies. A-F grading only. Prerequisite: Program Admission.

Credit Hours

Credit Hours

Min:
3

Lecture Hours

Min:
3

Lab Hours

Min:
0

Requisites

Simple Requisites

Type
Prerequisite

Fulfill ALL of the following requirements:
Program Admission

EMS271L - Medical Emergencies in Paramedicine Lab

Overview

Course Prefix
EMS

Course Number
271L

Course Title
Medical Emergencies in Paramedicine Lab

Degree Attributes
Tuition 3 (1T13)

Course Description
Develops psychomotor skills in the Paramedic Scope of Practice through sequenced lab simulations. Prepares students to implement a management plan in the Paramedic Scope of Practice for respiratory and cardiovascular emergencies. Prerequisite: Program Admission.

Credit Hours

Credit Hours

Min:
2

Lecture Hours

Min:
0

Lab Hours

Min:
4

Requisites

Simple Requisites

Type
Prerequisite

Fulfill ALL of the following requirements:
Program Admission

EMS272 - Medical Emergencies in Paramedicine II

Overview

Course Prefix
EMS

Course Number
272

Course Title
Medical Emergencies in Paramedicine II

Degree Attributes
Tuition 3 (1T13)

Course Description
An overview of pathophysiologic principles, epidemiology, comprehensive assessment, differential diagnosis, and pharmacology for various medical emergencies. Prepares students to implement a management plan in the Paramedic Scope of Practice for various medical emergencies, specifically for gynecologic, obstetric, pediatric, and neonatal care. A-F grading only. Prerequisite: Program Admission.

Credit Hours

Credit Hours

Min:
3

Lecture Hours

Min:
3

Lab Hours

Min:
0

Requisites

Simple Requisites

Type
Prerequisite

Fulfill ALL of the following requirements:
Program Admission

EMS272L - Comprehensive Patient Assessment in Paramedicine I

Overview

Course Prefix
EMS

Course Number
272L

Course Title
Comprehensive Patient Assessment in Paramedicine I

Degree Attributes
Tuition 3 (1T13)

Course Description
An overview of comprehensive patient assessment. Develops psychomotor skills in the Paramedic Scope of Practice through sequenced lab simulations. Integrates the pathophysiological significance of comprehensive assessment findings to formulate a differential diagnosis and implement a management plan for medical emergencies and trauma. A-F grading only. Prerequisite: Program Admission.

Credit Hours

Credit Hours

Min:
4

Lecture Hours

Min:
1

Lab Hours

Min:
6

Requisites

Simple Requisites

Type
Prerequisite

Fulfill ALL of the following requirements:
Program Admission

EMS273 - Medical Emergencies in Paramedicine III

Overview

Course Prefix
EMS

Course Number
273

Course Title
Medical Emergencies in Paramedicine III

Degree Attributes
Tuition 3 (1T13)

Course Description
Overview of pathophysiologic principles, epidemiology, comprehensive assessment, differential diagnosis, and pharmacology for various medical emergencies. Implement a management plan in the Paramedic Scope of Practice for various medical emergencies, including geriatric emergencies and patients with special challenges. A-F grading only. Prerequisite: Program Admission.

Credit Hours

Credit Hours

Min:
4

Lecture Hours

Min:
4

Lab Hours

Min:
0

Requisites

Simple Requisites

Type
Prerequisite

Fulfill ALL of the following requirements:
Program Admission

EMS273L - Comprehensive Patient Assessment in Paramedicine II

Overview

Course Prefix
EMS

Course Number
273L

Course Title
Comprehensive Patient Assessment in Paramedicine II

Degree Attributes
Tuition 3 (1T13)

Course Description
Designed to provide an overview of comprehensive patient assessment. Develops psychomotor skills in the Paramedic Scope of Practice through sequenced lab simulations. Integrates the pathophysiological significance of comprehensive assessment findings to formulate a differential diagnosis and implement a management plan for medical emergencies and trauma. A-F grading only. Prerequisite: Program Admission.

Credit Hours

Credit Hours

Min:
4

Lecture Hours

Min:
1

Lab Hours

Min:
6

Requisites

Simple Requisites

Type
Prerequisite

Fulfill ALL of the following requirements:
Program Admission

EMS292 - Critical Care Paramedicine

Overview

Course Prefix
EMS

Course Number
292

Course Title
Critical Care Paramedicine

Degree Attributes
Tuition 3 (1T13)

Course Description

Capstone critical care paramedicine experience to facilitate the synthesis of standard of care and expanded scope of practice with comprehensive assessment, diagnostic technology, patient advocacy, and ethical and professional behaviors. Includes practice in patient-centered evidence-based paramedicine in the clinical, out of hospital, and interfacility transport settings. Prerequisite: Program Admission. Corequisite: EMS 293

Credit Hours

Credit Hours

Min:
8

Lecture Hours

Min:
8

Lab Hours

Min:
0

Requisites

Simple Requisites

Type
Prerequisite

Fulfill ALL of the following requirements:
Program Admission

Type
Corequisite

Complete ALL of the following Courses:

- EMS293 - Critical Care Practicum

EMS293 - Critical Care Practicum

Overview

Course Prefix
EMS

Course Number
293

Course Title
Critical Care Practicum

Degree Attributes
Tuition 3 (1T13)

Course Description

Provider will be supervised and precepted in experiences in critical care settings, including clinical environments and field internships. Students will integrate and apply advanced care concepts to patient management in high-acuity environments. Emphasis is placed on advanced assessment, critical care interventions, interfacility transport considerations, and professional development.

Practicum is designed to enhance the clinical decision-making abilities of providers transitioning into critical care roles, reinforcing best practices and ensuring high standards of patient care in diverse and demanding environments. Prerequisite: Program Admission. Corequisite: EMS 292

Credit Hours

Credit Hours

Min:
1

Lecture Hours

Min:
0

Lab Hours

Min:
2

Requisites

Simple Requisites

Type
Prerequisite

Fulfill ALL of the following requirements:
Program Admission.

Type
Corequisite

Complete ALL of the following Courses:

- EMS292 - Critical Care Paramedicine

EMS296 - Internship: Emergency Medical Services

Overview

Course Prefix
EMS

Course Number
296

Course Title

Internship: Emergency Medical Services

Degree Attributes

Tuition 3 (1T13)

Course Description

Supervised field experience with healthcare facilities, EMS and fire-based EMS agencies, schools, and community organizations to expand career interests and apply subject knowledge relevant to the profession. Individualized internship placements to develop personal and professional skills, including professional ethics, leadership, and civic responsibility. [Repeatable for a total of 6 credit hours toward degree/certificate requirements.] S/U grading only. Prerequisites: Students must have completed specific program requirements as required by the Director of EMS and have approval from the Director of EMS to register for the course.

Credit Hours

Credit Hours

Min:
3

Lecture Hours

Min:
0

Lab Hours

Min:
0

Requisites

Simple Requisites

Type
Prerequisite

Fulfill ALL of the following requirements:

Students must have completed specific program requirements as required by the Director of EMS and have approval from the Director of EMS to register for the course.

EMS299 - Independent Study Emergency Medical Services

Overview

Course Prefix
EMS

Course Number
299

Course Title

Independent Study Emergency Medical Services

Degree Attributes

Tuition 3 (1T13)

Course Description

Supervised special project in this field of study. Approval of supervising Division Dean is required.

Credit Hours

Credit Hours

Min:
1

Max:
6

Credit Hours Operator:
TO

Lecture Hours

Min:
0

Lab Hours

Min:
0

ENG095 - Fundamental Skills for College Composition

Overview

Course Prefix

ENG

Course Number

095

Course Title

Fundamental Skills for College Composition

Course Description

Fundamental skills for reading and writing in college. Introduction to college-level reading skills will emphasize developing vocabulary, using adaptive reading strategies, recognizing organizational patterns, identifying main ideas and supporting details, and analyzing for comprehension. Includes an introduction to basic sentence, paragraph and essay writing skills required for success in college. Prerequisite: Satisfactory score on the skills assessment or placement using Multiple Measures chart.

Credit Hours

Credit Hours

Min:

4

Lecture Hours

Min:

4

Lab Hours

Min:

0

Requisites

Simple Requisites

Type

Prerequisite

Fulfill ALL of the following requirements:

Satisfactory score on the skills assessment or placement using Multiple Measures chart.

ENG101 - College Composition I

Overview

Course Prefix

ENG

Course Number

101

Course Title

College Composition I

Degree Attributes

Applied Communication/Writing (AW), College Composition (AGEC) (CC), English Comp (4-year degree) (1B), SUN# ENG 1101 (Z019), Written Comm (2021-99) (WCC)

Course Description

An introduction to academic writing with a focus on rhetorical awareness, critical thinking, and the writing process. Students will learn to produce and revise organized and original writing that integrates support from sources. Prerequisites: Satisfactory score on the English skills assessment. Reading Proficiency.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

3

Lab Hours

Min:

0

Requisites

Simple Requisites

Type

Prerequisite

Fulfill ALL of the following requirements:

Satisfactory score on the English skills assessment. Reading Proficiency.

ENG101A - College Composition I with Writing Skills Review

Overview

Course Prefix

ENG

Course Number

101A

Course Title

College Composition I with Writing Skills Review

Degree Attributes

Applied Communication/Writing (AW), English Comp (4-year degree) (1B), Written Comm (2021-99) (WCC), Written Comm (WC) (WC)

Course Description

An introduction to academic writing with a focus on rhetorical awareness, critical thinking, and the writing process. Students will learn to produce and revise organized and original writing that integrates support from sources. Development of active reading skills. Intensive review of essay form and conventions of standard written English. Prerequisites: ENG 095 or satisfactory score on the skills assessment or placement using Multiple Measures chart. Reading Proficiency.

Credit Hours

Credit Hours

Min:

4

Lecture Hours

Min:

4

Lab Hours

Min:

0

Requisites

Simple Requisites

Type

Prerequisite

Complete ALL of the following Courses:

- ENG095 - Fundamental Skills for College Composition

OR Satisfactory score on the skills assesment **OR** placement using Multiple Measures chart. Reading Proficiency.

ENG101H - College Composition I Honors

Overview

Course Prefix

ENG

Course Number

101H

Course Title

College Composition I Honors

Degree Attributes

Applied Communication/Writing (AW), English Comp (4-year degree) (1B), Written Comm (2021-99) (WCC), Written Comm (WC) (WC)

Course Description

An introduction to academic writing with a focus on rhetorical awareness, critical thinking, and the writing process. Students will learn to produce and revise organized and original writing that integrates support from sources. Advanced learning activities for honors students. Prerequisites: Placement by English skills assessment or acceptance to the YC Honors College. Reading Proficiency.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

3

Lab Hours

Min:

0

Requisites

Simple Requisites

Prerequisite

Type

Prerequisite

Fulfill ANY of the following requirements:

Placement by English skills assessment **OR** acceptance to the YC Honors College. Reading Proficiency.

ENG102 - College Composition II

Overview

Course Prefix

ENG

Course Number

102

Course Title

College Composition II

Degree Attributes

Applied Communication/Writing (AW), English Comp (4-year degree) (1B), SUN# ENG 1102 (Z020), Written Comm (2021-99) (WCC), Written Comm (WC) (WC)

Course Description

This course builds upon skills learned in ENG 101 to emphasize academic research, critical reading, and the application of rhetorical strategies. Students will learn to write for specific audience, purpose, and context and to identify and synthesize information from reliable sources. Prerequisite: ENG 101 or ENG 101A or ENG 101H. Reading Proficiency.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

3

Lab Hours

Min:

0

Requisites

Simple Requisites

Type

Prerequisite

Complete ALL of the following Courses:

- ENG101 - College Composition I
OR ENG101A - College Composition I with Writing Skills Review
OR ENG101H - College Composition I Honors

Reading Proficiency

ENG102H - College Composition II Honors

Overview

Course Prefix

ENG

Course Number

102H

Course Title

College Composition II Honors

Degree Attributes

Applied Communication/Writing (AW), English Comp (4-year degree) (1B), Written Comm (2021-99) (WCC), Written Comm (WC) (WC)

Course Description

This course builds on skills learned in ENG 101 to emphasize academic research, critical reading, and the application of rhetorical strategies. Students will learn to write for specific audience, purpose, and context and to identify and synthesize information from reliable sources. Advanced learning activities for honors students. Prerequisites: ENG 101H or ENG 101 and placement by English skills assessment or acceptance into Honors Program. Reading Proficiency.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

3

Lab Hours

Min:

0

Requisites

Simple Requisites

Type

Prerequisite

Complete ALL of the following Courses:

- ENG101H - College Composition I Honors
OR ENG101 - College Composition I

AND placement by English skills assessment **OR** acceptance into Honors Program. Reading Proficiency.

ENG185 - Sports in Literature and Media

Overview

Course Prefix

ENG

Course Number

185

Course Title

Sports in Literature and Media

Degree Attributes

Arts & Humanities (AH) (AH), Critical Thinking (2021-99) (CTC), Diversity (2021-99) (DIVC), Written Comm (2021-99) (WCC)

Course Description

Explores how sports are and have been represented and expressed in media and literature, including fiction, nonfiction, poetry, and plays. Investigates the ways in which narrative representation engages changing cultural and historical contexts. Focus is on analysis of gender, race, and socioeconomics, along with philosophy, ethics, psychology, and politics in sports literature and media.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

3

Lab Hours

Min:

0

ENG198 - Creative Writing Workshop (CRW):

Overview

Course Prefix

ENG

Course Number

198

Course Title

Creative Writing Workshop (CRW):

Course Description

Exploration of a creative writing component.

Credit Hours

Credit Hours

Min:

1

Lecture Hours

Min:

1

Lab Hours

Min:

0

ENG210 - Introduction to Rhetoric

Overview

Course Prefix

ENG

Course Number

210

Course Title

Introduction to Rhetoric

Degree Attributes

Arts & Humanities (AH) (AH), Diversity (2021-99) (DIVC), Written Comm (2021-99) (WCC)

Course Description

Study of important works concerning theories of invention, arrangement, style, and delivery. Includes development of the written voice to enhance all aspects of communication to carry out work and persuasion. Also includes the application of rhetorical theories to a variety of material, print, and digital forms of communication. Prerequisite: ENG 101 or ENG 101H.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

3

Requisites

Simple Requisites

<p>Untitled Requirement</p> <p>Type Prerequisite</p> <p>Complete ALL of the following Courses:</p> <ul style="list-style-type: none">• ENG101 - College Composition I OR ENG101A - College Composition I with Writing Skills Review OR ENG101H - College Composition I Honors
--

ENG211 - British Literature: Beginning to 18th Century

Overview

Course Prefix

ENG

Course Number

211

Course Title

British Literature: Beginning to 18th Century

Degree Attributes

Arts & Humanities (AH) (AH), Diversity (2021-99) (DIVC), Written Comm (2021-99) (WCC)

Course Description

Exploration of major artistic, historical, cultural, philosophical, gender, and genre issues represented in selected works from Medieval, Renaissance, 17th and 18th century British literature. Prerequisite: ENG 101 or ENG 101A or ENG 101H. Reading Proficiency.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

3

Lab Hours

Min:

0

Requisites

Simple Requisites

<p>Untitled Requirement</p> <p>Type Prerequisite</p> <p>Complete ALL of the following Courses:</p> <ul style="list-style-type: none">• ENG101 - College Composition I OR ENG101H - College Composition I Honors <p>Reading Proficiency</p>

ENG212 - British Literature 1798 to Present

Overview

Course Prefix

ENG

Course Number

212

Course Title

British Literature 1798 to Present

Degree Attributes

Arts & Humanities (AH) (AH), Diversity (2021-99) (DIVC), Written Comm (2021-99) (WCC)

Course Description

Exploration of major artistic, historical, cultural, philosophical, gender, and genre issues represented in selected works of British literature from 1798 to the present. Prerequisite: ENG 101 or ENG 101A or ENG 101H. Reading Proficiency.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

3

Lab Hours

Min:

0

Requisites

Simple Requisites

Untitled Requirement

Type

Prerequisite

Complete ALL of the following Courses:

- ENG101 - College Composition I
OR ENG101H - College Composition I Honors

Reading Proficiency

ENG217 - Major Issues in World Literature

Overview

Course Prefix

ENG

Course Number

217

Course Title

Major Issues in World Literature

Degree Attributes

Arts & Humanities (AH) (AH), Diversity (2021-99) (DIVC), Written Comm (2021-99) (WCC)

Course Description

Investigation of major artistic, historical, ethnic, race, gender and philosophical issues in representative works of great literature. Prerequisite: ENG 101 or ENG 101A or ENG 101H. Reading Proficiency.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

3

Lab Hours

Min:

0

Requisites

Simple Requisites

Untitled Requirement

Type

Prerequisite

Complete ALL of the following Courses:

- ENG101 - College Composition I
OR ENG101H - College Composition I Honors

Reading Proficiency

ENG220 - Introduction to Language and Culture

Overview

Course Prefix

ENG

Course Number

220

Course Title

Introduction to Language and Culture

Degree Attributes

Arts & Humanities (AH) (AH), Written Comm (2021-99) (WCC)

Course Description

Introduction to the study of language with a particular focus on American Englishes, including the history of American English. Focus is on cultural influence on language across the US and how the use of language is associated with power. Study of the basic building blocks of language. Study of variations of language across cultures and contexts, including contemporary and historical spoken, written, and digital registers and genres of American English. Examination of the effects of technology, culture, and context on language. Prerequisites: ENG 101 or ENG 101A or ENG 101H. Reading Proficiency.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

3

Requisites

Simple Requisites

Untitled Requirement

Type

Prerequisite

Complete ALL of the following Courses:

- ENG101 - College Composition I
 OR ENG101A - College Composition I with Writing Skills Review
 OR ENG101H - College Composition I Honors

Reading Proficiency

ENG230 - Introduction to Literature

Overview

Course Prefix

ENG

Course Number

230

Course Title

Introduction to Literature

Degree Attributes

Arts & Humanities (AH) (AH), Diversity (2021-99) (DIVC), Written Comm (2021-99) (WCC)

Course Description

Introduction to close reading and writing about a variety of works of literature from different genres. Prerequisite: ENG 101 or ENG 101A or ENG 101H. Reading Proficiency.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

3

Lab Hours

Min:

0

Requisites

Simple Requisites

Untitled Requirement

Type

Prerequisite

Complete ALL of the following Courses:

- ENG101 - College Composition I
 OR ENG101H - College Composition I Honors

Reading Proficiency

ENG236 - Advanced Professional Writing in the Workplace

Overview

Course Prefix

ENG

Course Number

236

Course Title

Advanced Professional Writing in the Workplace

Degree Attributes

English Comp (4-year degree) (1B), Written Comm (2021-99) (WCC), Applied Communication/Writing (AW)

Course Description

Practical writing for the world of work. Includes business correspondence to technical reports. Analyze and create written digital products. Focus on understanding the audience for effective communication. Extensive critical reading and writing about workplace texts. Emphasis on fluency in critical writing. Includes research skills and writing a critical, documented report. Prerequisites: ENG 101 or 101A or 101H or 136. Reading Proficiency.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

3

Lab Hours

Min:

0

Requisites

Simple Requisites

Untitled Requirement

Type

Prerequisite

Complete ALL of the following Courses:

- ENG101 - College Composition I
OR ENG101A - College Composition I with Writing Skills Review
OR ENG101H - College Composition I Honors

Reading Proficiency

ENG237 - Women in Literature

Overview

Course Prefix

ENG

Course Number

237

Course Title

Women in Literature

Degree Attributes

Arts & Humanities (AH) (AH), Diversity (2021-99) (DIVC), Written Comm (2021-99) (WCC)

Course Description

Survey of women in literature from ancient Greece to present with emphasis on images of female protagonists as portrayed by male and female authors. Prerequisite: ENG 101 or ENG 101A or ENG 101H. Reading Proficiency.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

3

Lab Hours

Min:

0

Requisites

Simple Requisites

Untitled Requirement

Type

Prerequisite

Complete ALL of the following Courses:

- ENG101 - College Composition I
OR ENG101H - College Composition I Honors

Reading Proficiency

ENG240 - American Literature to 1865

Overview

Course Prefix

ENG

Course Number

240

Course Title

American Literature to 1865

Degree Attributes

Diversity (2021-99) (DIVC), Institutions in the Americas (IA), Written Comm (2021-99) (WCC)

Course Description

Exploration of major artistic, historical, philosophical, cultural and gender issues represented in selected works from the Colonial era to the Civil War. Prerequisite: ENG 101 or ENG 101A or ENG 101H. Reading Proficiency.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

3

Lab Hours

Min:

0

Requisites

Simple Requisites

Untitled Requirement

Type

Prerequisite

Complete ALL of the following Courses:

- ENG101 - College Composition I
OR ENG101H - College Composition I Honors

Reading Proficiency

ENG241 - American Literature 1865 to Present

Overview

Course Prefix

ENG

Course Number

241

Course Title

American Literature 1865 to Present

Degree Attributes

Diversity (2021-99) (DIVC), Institutions in the Americas (IA), Written Comm (2021-99) (WCC)

Course Description

Exploration of major artistic, historical, philosophical, cultural and gender issues represented in selected works from the Civil War to the present. Prerequisite: ENG 101 or ENG 101H. Reading Proficiency.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

3

Lab Hours

Min:

0

Requisites

Simple Requisites

Untitled Requirement

Type

Prerequisite

Complete ALL of the following Courses:

- ENG101 - College Composition I
OR ENG101H - College Composition I Honors

Reading Proficiency

ENG242 - Introduction to Shakespeare

Overview

Course Prefix

ENG

Course Number

242

Course Title

Introduction to Shakespeare

Degree Attributes

Arts & Humanities (AH) (AH), Diversity (2021-99) (DIVC), Written Comm (2021-99) (WCC)

Course Description

Survey of selected works of William Shakespeare's literature from multiple genres of plays, poems, and sonnets. Prerequisite: ENG 101 or ENG 101H. Reading Proficiency.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

3

Lab Hours

Min:

0

Requisites

Simple Requisites

Untitled Requirement

Type

Prerequisite

Complete ALL of the following Courses:

- ENG101 - College Composition I
OR ENG101H - College Composition I Honors

Reading Proficiency

ENG245 - Ethnic Literature of the Southwest

Overview

Course Prefix

ENG

Course Number

245

Course Title

Ethnic Literature of the Southwest

Degree Attributes

Institutions in the Americas (IA), Written Comm (2021-99) (WCC)

Course Description

Examination of literature by a variety of ethnic groups in the American Southwest across multiple genres, time periods, and geographic regions. This will include Indigenous literature and Chicano/a literature. Prerequisites: ENG 101 or ENG 101A or ENG 101H. Reading Proficiency.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

3

Lab Hours

Min:

0

Requisites

Simple Requisites

Type

Prerequisite

Complete ALL of the following Courses:

- ENG101 - College Composition I
OR ENG101A - College Composition I with Writing Skills Review
OR ENG101H - College Composition I Honors

Reading Proficiency

ENG249 - Topics in Creative Writing (CRW):

Overview

Course Prefix

ENG

Course Number

249

Course Title

Topics in Creative Writing (CRW):

Course Description

Analysis, writing, and revision of element within fiction, poetry, or creative nonfiction. [Repeatable for a total of 6 credit hours towards degree/certificate requirements.]

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

3

Lab Hours

Min:

0

ENG270 - Introduction to Fiction Writing

Overview

Course Prefix

ENG

Course Number

270

Course Title

Introduction to Fiction Writing

Degree Attributes

Arts & Humanities (AH) (AH), Written Comm (2021-99) (WCC)

Course Description

Introduction to techniques for reading and writing long form and short form fiction. Prerequisites: Reading Proficiency. ENG 101 (may be taken concurrently).

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

3

Lab Hours

Min:

0

Requisites

Simple Requisites

Type

Prerequisite

Complete ALL of the following Courses:

- ENG101 - College Composition I

Reading Proficiency.

Prerequisite course may be taken concurrently with ENG270.

ENG271 - Introduction to Poetry

Overview

Course Prefix

ENG

Course Number

271

Course Title

Introduction to Poetry

Degree Attributes

Arts & Humanities (AH) (AH), Written Comm (2021-99) (WCC)

Course Description

Introduction to reading and writing poetry across multiple cultures and time periods. Prerequisites: Reading Proficiency. ENG 101 (may be taken concurrently).

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

3

Lab Hours

Min:

0

Requisites

Simple Requisites

Type

Prerequisite

Complete ALL of the following Courses:

- ENG101 - College Composition I

Reading Proficiency

Prerequisite course may be taken concurrently with ENG271.

ENG272 - Introduction to Creative Nonfiction

Overview

Course Prefix

ENG

Course Number

272

Course Title

Introduction to Creative Nonfiction

Degree Attributes

Arts & Humanities (AH) (AH), Written Comm (2021-99) (WCC)

Course Description

Introduction to creative nonfiction as a genre of writing, including techniques for reading, analyzing, and writing creative nonfiction which may include memoir, personal essay, travel or nature writing, journalistic writing, and other types of writing as determined by the instructor. Prerequisites: Reading Proficiency. ENG 101 (may be taken concurrently).

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

3

Lab Hours

Min:

0

Requisites

Simple Requisites

Type

Prerequisite

Complete ALL of the following Courses:

- ENG101 - College Composition I

Reading Proficiency

Prerequisite course may be taken concurrently with ENG272.

ENG296 - Internship: English

Overview

Course Prefix

ENG

Course Number

296

Course Title

Internship: English

Course Description

Supervised field experience with businesses, corporations, government agencies, schools and community organizations to expand career interests and apply subject knowledge relevant to the workplace. Individualized internship placements to develop personal and professional skills, including professional ethics, leadership, and civic responsibility.

Prerequisite: Student must have a GPA of 2.0; have completed specific degree requirements as required by the program; and have completed the internship application process. [Repeatable for a total of 6 credit hours towards degree/certificate requirements.] S/U grading only.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

0

Lab Hours

Min:

0

Requisites

Simple Requisites

Type

Prerequisite

Fulfill ALL of the following requirements:

Student must have a GPA of 2.0 ; have completed specific degree requirements as required by the program; and have completed the internship application process.

ENG299 - Independent Study English

Overview

Course Prefix

ENG

Course Number

299

Course Title

Independent Study English

Course Description

Supervised special project in this field of study. Approval of supervising Dean is required.

Credit Hours

Credit Hours

Min:

1

Max:

6

Credit Hours

Operator:

TO

Lecture Hours

Min:

0

Lab Hours

Min:

0

ENT210 - Vision to Business Plan - Entrepreneur's Institute

Overview

Course Prefix
ENT

Course Number
210

Course Title
Vision to Business Plan - Entrepreneur's Institute

Degree Attributes
Tuition 2 (1T12)

Course Description
Focuses on transforming a business vision into a simple, actionable business plan for a new venture. Guides students through creating a complete business plan, including the business description, target market analysis, and basic financial projections. Emphasizes practical application and development of a cohesive and professional document.

Credit Hours

Credit Hours

Min:
1

Lecture Hours

Min:
1

Lab Hours

Min:
0

EUT101 - Basic Electricity for Linework

Overview

Course Prefix
EUT

Course Number
101

Course Title
Basic Electricity for Linework

Degree Attributes
Tuition 2 (1T12)

Course Description

Basic principles of Alternating Current (AC) and Direct Current (DC). Examination of the structures and functions of AC/DC circuits including series, parallel and series-parallel circuits and how they are used in the electrical linework industry. Introduces transformer and poly-phase theory and how it applies to distribution systems. Includes grounding circuits, high voltage faults to ground, and linework-specific safety practices.

Credit Hours

Credit Hours

Min:
4

Lecture Hours

Min:
3

Lab Hours

Min:
2

EUT120 - Energy Industry Fundamentals

Overview

Course Prefix

EUT

Course Number

120

Course Title

Energy Industry Fundamentals

Degree Attributes

Tuition 2 (1T12)

Course Description

Commercially used fuels and power sources and their conversion to useable energy, with a focus on generated electrical power and its transmission and distribution to the point of use. Includes exploration of the energy industry, safe and healthy work environments, natural gas transmission and distribution, and career/entry requirements. Preparation for the Energy Industry Fundamentals (EIF) Certification exam.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

3

Lab Hours

Min:

0

EUT201 - Introduction to Linework I

Overview

Course Prefix

EUT

Course Number

201

Course Title

Introduction to Linework I

Degree Attributes

Tuition 2 (1T12)

Course Description

Overview of the linework industry including its history, technological developments and current practices. Examination of industry equipment and tools. Focus is on safety practices and procedures used in utility linework industry. Prerequisite: EUT 101 (May be taken concurrently) or ELT 112 (May be taken concurrently).

Credit Hours

Credit Hours

Min:

2

Lecture Hours

Min:

1

Lab Hours

Min:

2

Requisites

Simple Requisites

<p>Type Prerequisite</p> <div style="border: 1px solid black; padding: 10px; margin: 10px 0;"> <p>Complete ALL of the following Courses:</p> <ul style="list-style-type: none"> EUT101 - Basic Electricity for Linework <p><i>Prerequisite course may be taken concurrently with EUT201.</i></p> </div>
--

EUT202 - Field Training I (Lineworker)

Overview

Course Prefix

EUT

Course Number

202

Course Title

Field Training I (Lineworker)

Degree Attributes

Tuition 2 (1T12)

Course Description

Basics of climbing and working on utility poles. Focus is on apparatus and equipment, using ropes and rigging equipment, installations of single and double cross arms, pole framing and setting, use of hand line and building single-phase lines. Prerequisite: EUT 201 (May be taken concurrently).

Credit Hours

Credit Hours

Min:

6

Lecture Hours

Min:

2

Lab Hours

Min:

8

Requisites

Simple Requisites

Type

Prerequisite

Complete ALL of the following Courses:

- EUT201 - Introduction to Linework I

Prerequisite course may be taken concurrently with EUT202.

EXW100M - Foundations of Mind-Body Exercise

Overview

Course Prefix

EXW

Course Number

100M

Course Title

Foundations of Mind-Body Exercise

Degree Attributes

Tuition 2 (1T12)

Course Description

Introduction to the theory, practice, and techniques of mind-body exercise related to personal training and fitness instruction. Exploration of practices and complementary activities that contribute to enhanced body awareness, relaxation response and mental focus. Includes research-supported practice techniques that are associated with health benefits.

Credit Hours

Credit Hours

Min:

1

Lecture Hours

Min:

1

Lab Hours

Min:

0

EXW130H - Weight Management

Overview

Course Prefix

EXW

Course Number

130H

Course Title

Weight Management

Degree Attributes

Tuition 2 (1T12)

Course Description

Weight control through nutrition and exercise. Application of principles of nutrition, and exercise for weight management programming.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

2

Lab Hours

Min:

2

EXW130J - Weight Loss and Health with Whole Food

Overview

Course Prefix

EXW

Course Number

130J

Course Title

Weight Loss and Health with Whole Food

Degree Attributes

Tuition 2 (1T12)

Course Description

Weight loss and health benefits through lifestyle improvements in plant based nutrition with the study of food addiction and recovery.

Credit Hours

Credit Hours

Min:

2

Lecture Hours

Min:

2

Lab Hours

Min:

0

EXW150 - Essentials of Athletic Injury Management and Prevention

Overview

Course Prefix
EXW

Course Number
150

Course Title

Essentials of Athletic Injury Management and Prevention

Degree Attributes

Tuition 2 (1T12)

Course Description

Introduction to the essentials of prevention and management of athletic and active related injuries and illnesses. Includes utilizing primary, secondary and focused assessment and recognition of athletic injuries, prevention concepts such as pre-participation exams, protective equipment standards etc. and overall basic athletic injury and illness management.

Credit Hours

Credit Hours

Min:
3

Lecture Hours

Min:
2

Lab Hours

Min:
3

EXW151 - Introduction to Exercise Science and Physical Education

Overview

Course Prefix
EXW

Course Number
151

Course Title

Introduction to Exercise Science and Physical Education

Degree Attributes

Tuition 2 (1T12)

Course Description

Survey of the disciplines of exercise science, physical education and kinesiology. Includes historical perspective of the integrative nature of the disciplines, the importance of physical activity, qualifications and careers.

Credit Hours

Credit Hours

Min:
3

Lecture Hours

Min:
3

Lab Hours

Min:
0

EXW152 - Personal Health and Wellness

Overview

Course Prefix

EXW

Course Number

152

Course Title

Personal Health and Wellness

Degree Attributes

Social & Behavioral Sciences (SBS), Tuition 2 (1T12), Written Comm (2021-99) (WCC)

Course Description

Explore issues related to health and wellness. Emphasis on current topics and individual choices affected by psychological, sociological and environmental factors. Prerequisite: Reading Proficiency.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

3

Lab Hours

Min:

0

Requisites**Simple Requisites****Type**

Prerequisite

Fulfill ALL of the following requirements:

Reading Proficiency

EXW154 - Theory of Coaching

Overview

Course Prefix

EXW

Course Number

154

Course Title

Theory of Coaching

Degree Attributes

Tuition 2 (1T12)

Course Description

Introduction to the coaching profession with emphasis on the breadth of knowledge, theories and techniques of coaching and their application to achieving objectives in working with athletes.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

3

Lab Hours

Min:

0

EXW157 - Performance Nutrition

Overview

Course Prefix

EXW

Course Number

157

Course Title

Performance Nutrition

Degree Attributes

Tuition 2 (1T12)

Course Description

The scientific basis of nutrition, hydration, and physical training principles including processes and patterns that together promote health, sport performance, and rapid recovery. Suitable for students pursuing careers in exercise science and for personal interest.

Credit Hours**Credit Hours****Min:**

3

Lecture Hours**Min:**

3

Lab Hours**Min:**

0

EXW160 - Health and Wellness Coaching

Overview

Course Prefix

EXW

Course Number

160

Course Title

Health and Wellness Coaching

Degree Attributes

Tuition 2 (1T12)

Course Description

Provides the foundational practical skills for the application of the appropriate structure and processes of health and wellness coaching. Fundamental techniques and concepts used in coaching to establish effective coach-client partnerships, build trust and rapport, assess client readiness, and ensure ethical and professional considerations in coaching.

Credit Hours**Credit Hours****Min:**

3

Lecture Hours**Min:**

3

Lab Hours**Min:**

0

EXW168 - Sport Psychology and Mental Skills

Overview

Course Prefix

EXW

Course Number

168

Course Title

Sport Psychology and Mental Skills

Degree Attributes

Tuition 2 (1T12)

Course Description

Interaction between psychological variables and performance in sport and physical activity. Emphasis on the coach/teacher role in teaching and assessing mental training skills that influence participation and enhance performance.

Credit Hours**Credit Hours****Min:**

3

Lecture Hours**Min:**

3

Lab Hours**Min:**

0

EXW205 - Stress Management

Overview

Course Prefix

EXW

Course Number

205

Course Title

Stress Management

Degree Attributes

Tuition 2 (1T12)

Course Description

Examination of the stress process as it relates to health, disease, lifestyle, and the sociocultural environment. Emphasis is on cognitive skills, healthy lifestyle habits and relaxation techniques that may prevent and/or alleviate physical, mental, emotional, social and physiological symptoms of stress. The learning activities of the course are both theoretical and experiential.

Credit Hours**Credit Hours****Min:**

3

Lecture Hours**Min:**

3

Lab Hours**Min:**

0

EXW210 - Introduction to Mindfulness Meditation and Self-Compassion

Overview

Course Prefix
EXW

Course Number
210

Course Title

Introduction to Mindfulness Meditation and Self-Compassion

Degree Attributes

Tuition 2 (1T12)

Course Description

Introduction to the theory, practice, and techniques of mindfulness meditation and self-compassion. Focuses on practices and complementary activities which cultivate clear awareness to the present moment with self-acceptance. Includes science-based evidence supporting practice techniques and associated health benefits.

Credit Hours

Credit Hours

Min:
2

Lecture Hours

Min:
2

Lab Hours

Min:
0

EXW230 - Complementary and Integrative Health Therapies

Overview

Course Prefix
EXW

Course Number
230

Course Title

Complementary and Integrative Health Therapies

Degree Attributes

Tuition 2 (1T12)

Course Description

Examination of complementary and alternative health practices. Emphasizes the integration of body, mind and spirit with an evaluation of specific techniques and therapies.

Credit Hours

Credit Hours

Min:
3

Lecture Hours

Min:
3

Lab Hours

Min:
0

EXW251 - Integrated and Applied Exercise Sciences

Overview

Course Prefix
EXW

Course Number
251

Course Title
Integrated and Applied Exercise Sciences

Degree Attributes
Tuition 2 (1T12)

Course Description
Study of Exercise Sciences and related topics as they impact exercise. Emphasis on anatomy, physiology, kinesiology, biomechanics, body composition and nutrition. Designed for students preparing to become personal trainers, fitness instructors, coaches or Physical Education majors.

Credit Hours

Credit Hours

Min:
3

Lecture Hours

Min:
2

Lab Hours

Min:
3

EXW252 - ACE Personal Trainer Preparation

Overview

Course Prefix
EXW

Course Number
252

Course Title
ACE Personal Trainer Preparation

Degree Attributes
Tuition 2 (1T12)

Course Description
Comprehensive system for designing individualized programs based on individual client health, fitness level and goals. Includes methods to facilitate rapport, adherence and self-efficacy in clients as well as design programs to help clients to improve posture, movement, flexibility, balance, core function, cardiorespiratory fitness, and muscular endurance and strength. Preparation for the ACE (American Council on Exercise) Personal Trainer Certificate Exam.

Credit Hours

Credit Hours

Min:
3

Lecture Hours

Min:
3

Lab Hours

Min:
0

EXW299 - Independent Study Exercise and Wellness

Overview

Course Prefix
EXW

Course Number
299

Course Title
Independent Study Exercise and Wellness

Degree Attributes
Tuition 2 (1T12)

Course Description
Supervised special project in this field of study. Approval of supervising Division Dean is required.

Credit Hours

Credit Hours

Min:
1

Max:
6

Credit Hours Operator:
TO

Lecture Hours

Min:
0

Lab Hours

Min:
0

FMA100 - Animation Principles

Overview

Course Prefix
FMA

Course Number
100

Course Title
Animation Principles

Degree Attributes
Tuition 2 (1T12)

Course Description

Introduction to fundamental principles of animation. Film viewing, basic theory and mechanics of animation, and how those skills apply to specific careers. Emphasis on the fundamentals of character design, storyboarding, and layout through the creation of a short animation project.

Credit Hours

Credit Hours

Min:
3

Lecture Hours

Min:
3

FMA102 - Film and Media Production

Overview

Course Prefix

FMA

Course Number

102

Course Title

Film and Media Production

Degree Attributes

Tuition 2 (1T12)

Course Description

Exploration of how film/video images and sound work together to tell a story. Analysis of specific scenes from different media, and re-creation of visual and auditory experiences in the studio. Focusing on how camera, lighting and sound including dialogue, music, sound effects, and ambient noise contribute to the emotional and narrative impact of film and media.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

1

Lab Hours

Min:

4

FMA103 - Screenwriting I

Overview

Course Prefix

FMA

Course Number

103

Course Title

Screenwriting I

Degree Attributes

Tuition 2 (1T12)

Course Description

Writing for the screen across the media: film, television, documentaries, YouTube, commercials and industrial video. Includes marketing the products.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

3

Lab Hours

Min:

0

FMA104 - Podcasting

Overview

Course Prefix

FMA

Course Number

104

Course Title

Podcasting

Degree Attributes

Tuition 2 (1T12)

Course Description

Fundamentals of creating a podcast using news reporting, commentary and storytelling. Includes cross marketing with blogs, social media, photography and video.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

3

Lab Hours

Min:

0

FMA107 - Post-Production

Overview

Course Prefix

FMA

Course Number

107

Course Title

Post-Production

Degree Attributes

Tuition 2 (1T12)

Course Description

Post-production focuses on story structure of thesis through polished film, including sound, music and picture. Post-Production management includes keeping workflow current. Prerequisites: ART/FMA 139 (may be taken concurrently) or FMA 102.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

3

Lab Hours

Min:

0

Requisites

Simple Requisites

Type

Prerequisite

Complete ALL of the following Courses:

- ART139 - Fundamentals of Video Editing
OR FMA139 - Fundamentals of Video Editing
OR FMA102 - Film and Media Production

ART139 or FMA139 may be taken concurrently with FMA107.

FMA108 - Social Media Planning and Implementation

Overview

Course Prefix
FMA

Course Number
108

Course Title
Social Media Planning and Implementation

Degree Attributes
Tuition 2 (1T12)

Course Description
Establishment and maintenance of social media channels for professional promotion including YouTube, TikTok and Instagram. Includes both the production of content as well as marketing and business strategies for promoting the channels.

Credit Hours

Credit Hours

Min:
3

Lecture Hours

Min:
3

FMA110 - Pre-Production

Overview

Course Prefix
FMA

Course Number
110

Course Title
Pre-Production

Degree Attributes
Tuition 2 (1T12)

Course Description

Pre-production for film and media production, including completion of a budget, break down of a script, methods for casting actors, recruiting crew, and procuring locations.

Credit Hours

Credit Hours

Min:
3

Lecture Hours

Min:
3

Lab Hours

Min:
0

FMA113 - Stop Motion Animation

Overview

Course Prefix

FMA

Course Number

113

Course Title

Stop Motion Animation

Degree Attributes

Tuition 2 (1T12)

Course Description

Introduction to fundamental principles of stop motion and experimental animation. Experiments with lighting, staging and camera placement while animating three-dimensional materials shot with a digital camera in real three-dimensional space.

Credit Hours**Credit Hours****Min:**

3

Lecture Hours**Min:**

2

Lab Hours**Min:**

2

FMA116 - The Business of Content Creation

Overview

Course Prefix

FMA

Course Number

116

Course Title

The Business of Content Creation

Degree Attributes

Tuition 2 (1T12)

Course Description

Integration of technical and creative aspects of content creation with practical industry aspects. Includes setting up an independent production company, resume and reel creation. Exploration of film festivals for marketing, networking and supporting materials preparation.

Credit Hours**Credit Hours****Min:**

3

Lecture Hours**Min:**

3

Lab Hours**Min:**

0

FMA117 - Cinematography and Lighting

Overview

Course Prefix

FMA

Course Number

117

Course Title

Cinematography and Lighting

Degree Attributes

Tuition 2 (1T12)

Course Description

Field production course exploring cinematic storytelling through camera techniques, lighting styles, sound design and editing for film and media.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

2

Lab Hours

Min:

2

FMA119 - Sound Design for Media

Overview

Course Prefix

FMA

Course Number

119

Course Title

Sound Design for Media

Degree Attributes

Tuition 2 (1T12)

Course Description

Foundational principles and techniques of sound design in various media formats. Explores the role of sound in storytelling, focusing on how audio elements such as dialogue, music, sound effects, and ambient noise contribute to the emotional and narrative impact of films, television shows, video games, and other digital media.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

2

Lab Hours

Min:

2

FMA121 - Screenwriting II

Overview

Course Prefix

FMA

Course Number

121

Course Title

Screenwriting II

Degree Attributes

Tuition 2 (1T12)

Course Description

Screenplay writing techniques applied to a range of script projects including short and feature films, industrial video, marketing and TV. Writing practice, including writing dialogue and building structure and characterization, and continuing development of visual language. Prerequisite: FMA 103.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

3

Lab Hours

Min:

0

Requisites

Simple Requisites

Type

Prerequisite

Complete ALL of the following Courses:

- FMA103 - Screenwriting I

FMA131 - Characters, Conflicts and Story

Overview

Course Prefix

FMA

Course Number

131

Course Title

Characters, Conflicts and Story

Degree Attributes

Tuition 2 (1T12)

Course Description

Fundamental elements of writing for on-screen storytelling focused on story structure, and character development.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

3

Lab Hours

Min:

0

FMA134 - Immersive Transmedia Storytelling

Overview

Course Prefix

FMA

Course Number

134

Course Title

Immersive Transmedia Storytelling

Degree Attributes

Tuition 2 (1T12)

Course Description

Design a cohesive story experience across traditional and digital delivery platforms - for entertainment, advertising, marketing or social change.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

3

Lab Hours

Min:

0

FMA138 - VFX and Motion Graphics

Overview

Course Prefix

FMA

Course Number

138

Course Title

VFX and Motion Graphics

Degree Attributes

Tuition 2 (1T12)

Course Description

Industry standard software used to combine filmmaking, video, images, and sound to communicate dynamic 3D titles and visual effects (VFX) and can be applied in a wide range of communication fields including commercials, title design, television, social media, games, music videos and websites.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

2

Lab Hours

Min:

2

FMA139 - Fundamentals of Video Editing

Overview

Course Prefix

FMA

Course Number

139

Course Title

Fundamentals of Video Editing

Degree Attributes

Tuition 2 (1T12)

Course Description

Basic techniques of capturing, editing, and distributing video content. Hands-on application of techniques for digital video, editing vocabulary, and sharing digital video. This course is cross-listed with ART 139.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

2

Lab Hours

Min:

3

FMA150 - History of American Cinema

Overview

Course Prefix

FMA

Course Number

150

Course Title

History of American Cinema

Degree Attributes

Institutions in the Americas (IA), Tuition 2 (1T12)

Course Description

Survey of American film as an art form, an industry, and a system of representation and communication. Technical, aesthetic, and cultural aspects of cinema and the reading of film as a means for communicating American ideals, values, and attitudes. Prerequisite: Reading Proficiency

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

3

Lab Hours

Min:

0

Requisites

Simple Requisites

<p>Type Prerequisite</p> <div style="border: 1px solid black; padding: 5px;"><p>Fulfill ALL of the following requirements: Reading Proficiency</p></div>
--

FMA160 - Lighting Design for Stage and Media

Overview

Course Prefix

FMA

Course Number

160

Course Title

Lighting Design for Stage and Media

Degree Attributes

Tuition 2 (1T12)

Course Description

Introduction to the principles of lighting design for the theater and television and implementation of those designs. Emphasis on color grading, mood changes based on color, development of stage picture and how to light all angles of the subject in order to create a depth of field for the audience. Topics include an introduction to consoles and console development, design, and implementation. Current industry products will be used such as consoles, follow spots, MA3D-On PC, Vision, and Vectorworks may be used to enhance learning. This course is cross-listed with THR 160.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

1

Lab Hours

Min:

4

FMA161 - Sound Design for Stage and Media

Overview

Course Prefix

FMA

Course Number

161

Course Title

Sound Design for Stage and Media

Degree Attributes

Tuition 2 (1T12)

Course Description

Introduction to the concept and implementation of sound design for different types of theatres (inside, outside, small, large), and different film locations. Topics include how to train one's ears to mix various shows, gain an understanding of signal flow, what speakers sound like, and recalling show practices using an analog mixer. Focus on sound instruments/boards, as well as in-ear technology, and the diverse types of microphones will be included. Cross-listed with THR 161.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

1

Lab Hours

Min:

4

FMA190 - Foundations of Documentary and Docudrama Storytelling

Overview

Course Prefix

FMA

Course Number

190

Course Title

Foundations of Documentary and Docudrama Storytelling

Degree Attributes

Arts & Humanities (AH) (AH), Written Comm (2021-99) (WCC), Tuition 2 (1T12)

Course Description

Critical, creative, and ethical foundations of nonfiction storytelling. Students examine how documentaries and docudramas interpret truth through image, sound, and structure while shaping understanding and entertaining. Through viewing, discussion, and project development, students cultivate the habits of inquiry, reflection, and problem-solving that define critical thinking in media practice. Prerequisite: Reading Proficiency

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

3

Lab Hours

Min:

0

Requisites

Simple Requisites

Type

Prerequisite

Fulfill ALL of the following requirements:

Reading Proficiency.

FMA218 - Directing for Stage and Media

Overview

Course Prefix

FMA

Course Number

218

Course Title

Directing for Stage and Media

Degree Attributes

Tuition 2 (1T12)

Course Description

The art of theater direction for stage and media productions and the director's role. This course is crosslisted with THR 218.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

2

Lab Hours

Min:

2

FMA220 - Advanced Screenwriting

Overview

Course Prefix

FMA

Course Number

220

Course Title

Advanced Screenwriting

Degree Attributes

Tuition 2 (1T12)

Course Description

Advanced projects in writing a feature film script. Review of writing techniques, characters, story, conflicts, genres and formats of feature length screenwriting. Application of narrative structure and character development. Prerequisites: FMA 103 and FMA 121

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

3

Lab Hours

Min:

0

Requisites

Simple Requisites

Type

Prerequisite

Complete ALL of the following Courses:

- FMA103 - Screenwriting I
- FMA121 - Screenwriting II

FMA243 - World Cinema

Overview

Course Prefix

FMA

Course Number

243

Course Title

World Cinema

Degree Attributes

Arts & Humanities (AH) (AH), Tuition 2 (1T12)

Course Description

Historical and critical survey of the development of world cinema as an art form, as a system of communication, and as an industry from its invention to the present day. How films work technically, aesthetically, and culturally to create, reinforce, challenge, comment on or change social, political or aesthetic norms. This course is cross-listed with HUM 243. Prerequisites: ENG 101, ENG 101A or ENG 101H. Reading Proficiency.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

3

Lab Hours

Min:

0

Requisites

Simple Requisites

Type

Prerequisite

Complete ALL of the following Courses:

- ENG101 - College Composition I
OR ENG101A - College Composition I with Writing Skills Review
OR ENG101H - College Composition I Honors

Reading Proficiency.

FMA296 - Internship: Film and Media Arts

Overview

Course Prefix

FMA

Course Number

296

Course Title

Internship: Film and Media Arts

Degree Attributes

Tuition 2 (1T12)

Course Description

Supervised field experience with businesses, corporations, government agencies, schools and community organizations to expand career interests and apply subject knowledge relevant to the workplace. Individualized internship placements to develop personal and professional skills, including professional ethics, leadership, and civic responsibility. Prerequisite: Student must have a GPA of 2.0; have completed specific degree requirements as required by the program; and have completed the internship application process. [Repeatable for a total of 6 credit hours towards degree/certificate requirements.] S/U grading only.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

0

Lab Hours

Min:

0

Requisites

Simple Requisites

Type

Prerequisite

Fulfill ALL of the following requirements:

Student must have a GPA of 2.0; have completed specific degree requirements as required by the program; and have completed the internship application process.

FMA299 - Independent Study Film and Media Arts

Overview

Course Prefix

FMA

Course Number

299

Course Title

Independent Study Film and Media Arts

Degree Attributes

Tuition 2 (1T12)

Course Description

Supervised special project in this field of study. Approval of supervising Dean is required.

Credit Hours

Credit Hours

Min:

1

Max:

6

Credit Hours

Operator:

TO

Lecture Hours

Min:

0

Lab Hours

Min:

0

FSC100 - Principles of Emergency Services

Overview

Course Prefix

FSC

Course Number

100

Course Title

Principles of Emergency Services

Degree Attributes

Tuition 2 (1T12)

Course Description

Overview of fire protection and emergency services along with its culture and history; career opportunities; organization and function of public and private fire protection functions; basic fire chemistry and physics; introduction to fire protection systems; introduction to fire strategy and tactics; life safety initiatives.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

3

Lab Hours

Min:

0

FSC102 - Principles of Fire and Emergency Services Safety and Survival

Overview

Course Prefix

FSC

Course Number

102

Course Title

Principles of Fire and Emergency Services Safety and Survival

Degree Attributes

Tuition 2 (1T12)

Course Description

Basic principles and history of the national firefighter life safety initiatives, focusing on the need for cultural and behavioral change throughout the emergency services.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

3

Lab Hours

Min:

0

FSC104 - Hazardous Materials First Responder Operations

Overview

Course Prefix

FSC

Course Number

104

Course Title

Hazardous Materials First Responder Operations

Degree Attributes

Tuition 2 (1T12)

Course Description

Introduction to the major categories of hazardous materials. Includes detection, identification, scene management, basic training, equipment planning, strategy and tactics in the management of hazardous materials incidents. Preparation for Arizona Center for Fire Service Excellence certification.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

2

Lab Hours

Min:

3

FSC105 - Firefighter I & II Certification Academy

Overview

Course Prefix

FSC

Course Number

105

Course Title

Firefighter I & II Certification Academy

Degree Attributes

Tuition 2 (1T12)

Course Description

Essentials of firefighting including fire department operations, firefighting equipment, and safety. Emphasis on the chemistry of fire, techniques of firefighting, and utilization of equipment in fire suppression. Preparation for State Fire Marshal Fire Fighter I and II certification. Prerequisite: FSC 104 (may be taken concurrently).

Credit Hours

Credit Hours

Min:

12

Lecture Hours

Min:

10

Lab Hours

Min:

6

Requisites

Simple Requisites

Type

Prerequisite

Complete ALL of the following Courses:

- FSC104 - Hazardous Materials First Responder Operations

Prerequisite course may be taken concurrently with FSC105.

FSC135 - Fire Prevention

Overview

Course Prefix

FSC

Course Number

135

Course Title

Fire Prevention

Degree Attributes

Tuition 2 (1T12)

Course Description

Topics of fire prevention including: history and philosophy; organization and operation of a fire prevention bureau; use and application of codes and standards; plans review; fire inspections; fire and life safety education; and fire investigation.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

3

Lab Hours

Min:

0

FSC137 - Fire Protection Hydraulics and Water Supply

Overview

Course Prefix

FSC

Course Number

137

Course Title

Fire Protection Hydraulics and Water Supply

Degree Attributes

Tuition 2 (1T12)

Course Description

Theoretical foundation in the principles of water use for fire protection. Includes application of the laws of hydraulics to analyze and solve water supply problems.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

3

Lab Hours

Min:

0

FSC155 - Basic Wildland Firefighting

Overview

Course Prefix

FSC

Course Number

155

Course Title

Basic Wildland Firefighting

Degree Attributes

Tuition 2 (1T12)

Course Description

Introduction to wildland fire prevention, including fire behavior, suppression methods, equipment considerations, safety, and incident command. (S-130/190, I-100, L-180)

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

3

Lab Hours

Min:

0

FSC210 - Advanced Fire Behavior and Combustion

Overview

Course Prefix

FSC

Course Number

210

Course Title

Advanced Fire Behavior and Combustion

Degree Attributes

Tuition 2 (1T12)

Course Description

Advanced theories of how and why fires start, spread, and how they are controlled.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

3

Lab Hours

Min:

0

FSC225 - Legal Aspects of Emergency Services

Overview

Course Prefix

FSC

Course Number

225

Course Title

Legal Aspects of Emergency Services

Degree Attributes

Tuition 2 (1T12)

Course Description

Federal, state, and local laws that regulate, and national standards that influence, emergency services. Includes standard care, tort, liability and consensus standards as they pertain to emergency services.

Credit Hours

Credit Hours

Min:

4

Lecture Hours

Min:

4

Lab Hours

Min:

0

FSC234 - Fire Investigation

Overview

Course Prefix

FSC

Course Number

234

Course Title

Fire Investigation

Degree Attributes

Tuition 2 (1T12)

Course Description

Fundamentals and technical knowledge needed for proper fire scene interpretations, including recognizing and conducting origin and cause, preservation of evidence and documentation, scene security, motives of the fire setter, and types of fire causes.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

3

Lab Hours

Min:

0

FSC235 - Fire Protection Systems

Overview

Course Prefix

FSC

Course Number

235

Course Title

Fire Protection Systems

Degree Attributes

Tuition 2 (1T12)

Course Description

Design and operation of fire alarm systems, water-based fire suppression systems, special hazard fire suppression systems, water supply for fire protection and portable fire extinguishers.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

3

Lab Hours

Min:

0

FSC236 - Occupational Safety and Health for Emergency Services

Overview

Course Prefix

FSC

Course Number

236

Course Title

Occupational Safety and Health for Emergency Services

Degree Attributes

Tuition 2 (1T12)

Course Description

Basic concepts of occupational health and safety as it relates to emergency service organizations. Includes risk and hazard evaluation and control procedures for emergency service organizations.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

3

Lab Hours

Min:

0

FSC238 - Strategy and Tactics

Overview

Course Prefix

FSC

Course Number

238

Course Title

Strategy and Tactics

Degree Attributes

Tuition 2 (1T12)

Course Description

Principles of fire ground control through utilization of personnel, equipment, and extinguishing agents.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

3

Lab Hours

Min:

0

FSC239 - Fire Department Company Officer

Overview

Course Prefix

FSC

Course Number

239

Course Title

Fire Department Company Officer

Degree Attributes

Tuition 2 (1T12)

Course Description

Supervisory methods for the fire service in fire safety, fire department organization and personnel supervision. Elements of management for the first-level Company Officer Supervisor. Includes principles of organization, communication, leadership and emergency incident management.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

3

Lab Hours

Min:

0

FSC240 - Principles of Fire and Emergency Service Administration

Overview

Course Prefix

FSC

Course Number

240

Course Title

Principles of Fire and Emergency Service Administration

Degree Attributes

Tuition 2 (1T12)

Course Description

Organization and management of a fire and emergency services department and the relationship of government agencies to the fire service. Emphasis is placed on fire and emergency service, ethics, and leadership from the perspective of the company officer.

Credit Hours**Credit Hours****Min:**

3

Lecture Hours**Min:**

3

Lab Hours**Min:**

0

FSC241 - Building Construction for Fire Protection

Overview

Course Prefix

FSC

Course Number

241

Course Title

Building Construction for Fire Protection

Degree Attributes

Tuition 2 (1T12)

Course Description

Components of building construction related to firefighter and life safety. Emphasis on the construction and design of structures as key factors when inspecting buildings, pre-planning fire operations, and operating at emergencies.

Credit Hours**Credit Hours****Min:**

3

Lecture Hours**Min:**

3

Lab Hours**Min:**

0

FSC296 - Internship: Fire Science

Overview

Course Prefix

FSC

Course Number

296

Course Title

Internship: Fire Science

Degree Attributes

Tuition 2 (1T12)

Course Description

Supervised field experience with businesses, corporations, government agencies, schools and community organizations to expand career interests and apply subject knowledge relevant to the workplace. Individualized internship placements to develop personal and professional skills, including professional ethics, leadership, and civic responsibility.

Prerequisite: Student must have a GPA of 2.0; have completed specific degree requirements as required by the program; and have completed the internship application process. [Repeatable for a total of 6 credit hours towards degree/certificate requirements.] S/U grading only.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

0

Lab Hours

Min:

0

Requisites

Simple Requisites

Type

Prerequisite

Fulfill ALL of the following requirements:

Student must have a GPA of 2.0; have completed specific degree requirements as required by the program; and have completed the internship application process.

FSC299 - Independent Study Fire Science

Overview

Course Prefix

FSC

Course Number

299

Course Title

Independent Study Fire Science

Degree Attributes

Tuition 2 (1T12)

Course Description

Supervised special project in this field of study. Approval of supervising Dean is required.

Credit Hours

Credit Hours

Min:

1

Max:

6

Credit Hours

Operator:

TO

Lecture Hours

Min:

0

Lab Hours

Min:

0

GEO101 - World Geography West

Overview

Course Prefix

GEO

Course Number

101

Course Title

World Geography West

Degree Attributes

Diversity (2021-99) (DIVC), Social & Behavioral Sciences (SBS), Tuition 2 (1T12)

Course Description

A geographical exploration of the people, places, and landscapes of North America, South America, Europe and Russia.

Credit Hours**Credit Hours****Min:**

3

Lecture Hours**Min:**

3

Lab Hours**Min:**

0

GEO102 - World Geography East

Overview

Course Prefix

GEO

Course Number

102

Course Title

World Geography East

Degree Attributes

Diversity (2021-99) (DIVC), Social & Behavioral Sciences (SBS), Social Science (2009-2019) (SOCL), Tuition 2 (1T12)

Course Description

A geographical exploration of the people, places, and landscapes of Africa, Asia and Australia/Pacific Islands.

Credit Hours**Credit Hours****Min:**

3

Lecture Hours**Min:**

3

Lab Hours**Min:**

0

GEO103 - Introduction to Physical Geography

Overview

Course Prefix

GEO

Course Number

103

Course Title

Introduction to Physical Geography

Degree Attributes

Natural Sciences (NS) (NS), Scientific Lit (2021-99) (SLC), Tuition 2 (1T12)

Course Description

A geographic introduction to the physical processes and landforms of the earth.

Credit Hours**Credit Hours****Min:**

4

Lecture Hours**Min:**

3

Lab Hours**Min:**

3

GEO105 - Introduction to Cultural Geography

Overview

Course Prefix

GEO

Course Number

105

Course Title

Introduction to Cultural Geography

Degree Attributes

Diversity (2021-99) (DIVC), Social & Behavioral Sciences (SBS), Tuition 2 (1T12)

Course Description

A geographical exploration of the human landscape, examining aspects of culture such as language, religion, political organization and economics.

Credit Hours**Credit Hours****Min:**

3

Lecture Hours**Min:**

3

Lab Hours**Min:**

0

GEO212 - Introduction to Meteorology

Overview

Course Prefix

GEO

Course Number

212

Course Title

Introduction to Meteorology

Degree Attributes

Natural Sciences (NS) (NS), Scientific Lit (2021-99) (SLC), Tuition 2 (1T12)

Course Description

Physical and chemical conditions that regulate global weather phenomena. Includes structure of the atmosphere, temperature, humidity, air pressure and winds, the development of weather systems, tornadoes and hurricanes, and the parameters that affect local and global climate. Laboratory includes image interpretation, field observation and prediction.

Credit Hours

Credit Hours

Min:

4

Lecture Hours

Min:

3

Lab Hours

Min:

3

GEO296 - Internship: Geography

Overview

Course Prefix

GEO

Course Number

296

Course Title

Internship: Geography

Degree Attributes

Tuition 2 (1T12)

Course Description

Supervised field experience with businesses, corporations, government agencies, schools and community organizations to expand career interests and apply subject knowledge relevant to the workplace. Individualized internship placements to develop personal and professional skills, including professional ethics, leadership, and civic responsibility. Prerequisite: Student must have a GPA of 2.0; have completed specific degree requirements as required by the program; and have completed the internship application process. [Repeatable for a total of 6 credit hours towards degree/certificate requirements.] S/U grading only.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

0

Lab Hours

Min:

0

Requisites

Simple Requisites

Type

Prerequisite

Fulfill ALL of the following requirements:

Student must have a GPA of 2.0; have completed specific degree requirements as required by the program; and have completed the internship application process.

GEO299 - Independent Study Geography

Overview

Course Prefix
GEO

Course Number
299

Course Title
Independent Study Geography

Degree Attributes
Tuition 2 (1T12)

Course Description
Supervised special project in this field of study. Approval of supervising Division Dean is required.

Credit Hours

Credit Hours

Min:
1

Max:
6

Credit Hours Operator:
TO

Lecture Hours

Min:
0

Lab Hours

Min:
0

GLG101 - Introduction to Geology I

Overview

Course Prefix
GLG

Course Number
101

Course Title
Introduction to Geology I

Degree Attributes
Physical & Biol Science (AGEC) (PBS), SUN# GLG 1101 (Z026), Scientific Lit (2021-99) (SLC), Tuition 2 (1T12)

Course Description
Geologic principles emphasizing the structure and composition of the earth, internal and external earth processes and plate tectonics. Prerequisite: Reading Proficiency.

Credit Hours

Credit Hours

Min:
4

Lecture Hours

Min:
3

Lab Hours

Min:
3

Requisites

Simple Requisites

Type
Prerequisite

Fulfill ALL of the following requirements:
Reading Proficiency

GLG110 - Environmental Geology

Overview

Course Prefix

GLG

Course Number

110

Course Title

Environmental Geology

Degree Attributes

Physical & Biol Science (AGEC) (PBS), Scientific Lit (2021-99) (SLC), Tuition 2 (IT12)

Course Description

Introduction to geologic studies and their application to environmental problems, causes and possible solutions. Includes geologic processes, geohazards, and geologic natural resources. Prerequisite: Reading Proficiency.

Credit Hours

Credit Hours

Min:

4

Lecture Hours

Min:

3

Lab Hours

Min:

3

Requisites

Simple Requisites

Type

Prerequisite

Fulfill ALL of the following requirements:

Reading Proficiency

GLG296 - Internship: Geology

Overview

Course Prefix

GLG

Course Number

296

Course Title

Internship: Geology

Degree Attributes

Tuition 2 (IT12)

Course Description

Supervised field experience with businesses, corporations, government agencies, schools and community organizations to expand career interests and apply subject knowledge relevant to the workplace. Individualized internship placements to develop personal and professional skills, including professional ethics, leadership, and civic responsibility. Prerequisite: Student must have a GPA of 2.0; have completed specific degree requirements as required by the program; and have completed the internship application process. [Repeatable for a total of 6 credit hours towards degree/certificate requirements.] S/U grading only.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

0

Lab Hours

Min:

0

Requisites

Simple Requisites

Type

Prerequisite

Fulfill ALL of the following requirements:

Student must have a GPA of 2.0 ; have completed specific degree requirements as required by the program; and have completed the internship application process.

GLG299 - Independent Study Geology

Overview

Course Prefix

GLG

Course Number

299

Course Title

Independent Study Geology

Degree Attributes

Tuition 2 (1T12)

Course Description

Supervised special project in this field of study. Approval of supervising Division Dean is required.

Credit Hours

Credit Hours**Min:**

1

Max:

6

Credit Hours**Operator:**

TO

Lecture Hours**Min:**

0

Lab Hours**Min:**

0

GST101 - Gunsmithing Fundamentals

Overview

Course Prefix

GST

Course Number

101

Course Title

Gunsmithing Fundamentals

Degree Attributes

GST Tuition (1GST)

Course Description

Basic gunsmithing skills including shop and general firearms safety, machine tool skills, metal refinishing, rudimentary firearm design and function, rifle firing systems, and bullet ballistics. Prerequisite: Program Admission

Credit Hours

Credit Hours**Min:**

12

Lecture Hours**Min:**

5

Lab Hours**Min:**

21

Requisites

Simple Requisites**Type**

Prerequisite

Fulfill ALL of the following requirements:

Program Admission

GST151 - Novice Gunsmithing

Overview

Course Prefix

GST

Course Number

151

Course Title

Novice Gunsmithing

Degree Attributes

GST Tuition (1GST)

Course Description

Basic study of machine tool use and firearms mechanics. Milling, turning, precision grinding, stock making, pistol function and design, and rifle function and design. Prerequisite: GST 101

Credit Hours**Credit Hours****Min:**

12

Lecture Hours**Min:**

5

Lab Hours**Min:**

21

Requisites**Simple Requisites****Type**

Prerequisite

Complete ALL of the following Courses:

- GST101 - Gunsmithing Fundamentals

GST191 - Basic Engraving

Overview

Course Prefix

GST

Course Number

191

Course Title

Basic Engraving

Degree Attributes

GST Tuition (1GST)

Course Description

Practice in the art of hand engraving. Learn how to take scroll patterns and various designs, transfer them to mild steels, and cut them out by hand. Students will also be taught how to grind and shape cutters and gravers from High speed and carbide blanks, and operate engraving machines and microscopes in the classroom.

Credit Hours**Credit Hours****Min:**

3

Lecture Hours**Min:**

1

Lab Hours**Min:**

6

GST192 - Advanced Engraving

Overview

Course Prefix

GST

Course Number

192

Course Title

Advanced Engraving

Degree Attributes

GST Tuition (1GST)

Course Description

Design advanced intricate scroll designs and patterns, engrave on flat and round cylindrical surfaces, and the engraving of lettering. Emphasis on balance, selecting tools and fixtures, manipulation of the engraver's vise, and all components familiar to the trade. Prerequisite: GST 191.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

1

Lab Hours

Min:

6

Requisites

Simple Requisites

Type

Prerequisite

Complete ALL of the following Courses:

- GST191 - Basic Engraving

GST195A - Gunsmithing Practicum

Overview

Course Prefix

GST

Course Number

195A

Course Title

Gunsmithing Practicum

Degree Attributes

GST Tuition (1GST)

Course Description

Laboratory and extended shop experience for students to develop skills in project planning, drawing and craftsmanship. Prerequisite: GST 101 (may be taken concurrently)

Credit Hours

Credit Hours

Min:

2

Lecture Hours

Min:

0

Lab Hours

Min:

6

Requisites

Simple Requisites

Type

Prerequisite

Complete ALL of the following Courses:

- GST101 - Gunsmithing Fundamentals

May be taken concurrently.

GST195B - Gunsmithing Practicum

Overview

Course Prefix

GST

Course Number

195B

Course Title

Gunsmithing Practicum

Degree Attributes

GST Tuition (1GST)

Course Description

Laboratory and extended shop experience for students to develop skills in project planning, drawing and craftsmanship. Prerequisite: GST 151 (may be taken concurrently)

Credit Hours**Credit Hours****Min:**

2

Lecture Hours**Min:**

0

Lab Hours**Min:**

6

Requisites**Simple Requisites****Type**

Prerequisite

Complete ALL of the following Courses:

- GST151 - Novice Gunsmithing

May be taken concurrently.

GST201 - Intermediate Gunsmithing

Overview

Course Prefix

GST

Course Number

201

Course Title

Intermediate Gunsmithing

Degree Attributes

GST Tuition (1GST)

Course Description

Intermediate study of machine tool use and firearms mechanics. Studies in the manufacture of rifles, pistols, barrels, actions, and stocks. Design and fabrication of custom parts and tools. Advanced firearm troubleshooting and restoration. Prerequisite: GST 151

Credit Hours**Credit Hours****Min:**

12

Lecture Hours**Min:**

5

Lab Hours**Min:**

21

Requisites**Simple Requisites****Type**

Prerequisite

Complete ALL of the following Courses:

- GST151 - Novice Gunsmithing

GST211 - Firearms Part Design and CNC Simulation

Overview

Course Prefix
GST

Course Number
211

Course Title

Firearms Part Design and CNC Simulation

Degree Attributes

GST Tuition (1GST)

Course Description

Emphasis is placed on digital modeling, tooling sequence design, and numerical control (NC) code generation for computer numerical control (CNC)-based manufacturing processes. Prerequisites: Program Admission. GST 101 (may be taken concurrently).

Credit Hours

Credit Hours

Min:
3

Lecture Hours

Min:
3

Lab Hours

Min:
0

Requisites

Simple Requisites

Type

Prerequisite

Complete ALL of the following Courses:

- GST101 - Gunsmithing Fundamentals

Program Admission. GST 101 may be taken concurrently.

GST224 - CNC Machining for Gunsmithing Applications

Overview

Course Prefix
GST

Course Number
224

Course Title

CNC Machining for Gunsmithing Applications

Degree Attributes

GST Tuition (1GST)

Course Description

Applies principles and operative skills required for precision machining of firearm components using computer numerical control (CNC) machines. Emphasis is placed on safety practices, blueprint interpretation, shop math, coordinate systems, and the setup and operation of CNC equipment used in gunsmithing manufacturing. Prerequisites: Program Admission. GST 151 (may be taken concurrently) and GST 211.

Credit Hours

Credit Hours

Min:
2

Lecture Hours

Min:
0

Lab Hours

Min:
6

Requisites

Simple Requisites

Type

Prerequisite

Complete ALL of the following Courses:

- GST151 - Novice Gunsmithing
- GST211 - Firearms Part Design and CNC Simulation

Program Admission. GST151 may be taken concurrently.

GST230 - Precision Gun Parts Manufacturing

Overview

Course Prefix

GST

Course Number

230

Course Title

Precision Gun Parts Manufacturing

Degree Attributes

GST Tuition (1GST)

Course Description

Builds upon foundational computer numerical control (CNC) machining principles to develop precision manufacturing skills for custom firearm components. Applies advanced CNC programming to produce high-tolerance firearm components while integrating quality assurance, precision measurement, and process optimization.

Prerequisites: Program Admission. GST 201 (may be taken concurrently) and GST 224.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

1

Lab Hours

Min:

6

Requisites

Simple Requisites

Type

Prerequisite

Complete ALL of the following Courses:

- GST201 - Intermediate Gunsmithing
- GST224 - CNC Machining for Gunsmithing Applications

Program Admission. GST201 may be taken concurrently.

GST240 - Guild-Level Firearms Manufacturing

Overview

Course Prefix

GST

Course Number

240

Course Title

Guild-Level Firearms Manufacturing

Degree Attributes

GST Tuition (1GST)

Course Description

Emphasizes integrating design, machining, and assembly techniques to manufacture firearms at a guild-quality level. Apply complex computer numerical control (CNC) machining processes, advanced tooling, precision fitting, and finishing operations to produce fully functional, custom firearms that demonstrate exceptional craftsmanship, mechanical precision, and adherence to industry and regulatory standards. Prerequisites: Program Admission. GST 251 (may be taken concurrently) and GST 230.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

1

Lab Hours

Min:

6

Requisites

Simple Requisites

Type

Prerequisite

Complete ALL of the following Courses:

- GST230 - Precision Gun Parts Manufacturing
- GST251 - Advanced Gunsmithing

Program Admission. GST251 may be taken concurrently.

GST251 - Advanced Gunsmithing

Overview

Course Prefix
GST

Course Number
251

Course Title
Advanced Gunsmithing

Degree Attributes
GST Tuition (1GST)

Course Description

Capstone course showcasing the previous semesters' learning objectives, coupled with the application of regulatory and business practices. Prerequisite: GST 151

Credit Hours

Credit Hours

Min:
12

Lecture Hours

Min:
5

Lab Hours

Min:
21

Requisites

Simple Requisites

Type
Prerequisite

- Complete ALL of the following Courses:
- GST151 - Novice Gunsmithing

GST291 - Professional Engraving

Overview

Course Prefix
GST

Course Number
291

Course Title
Professional Engraving

Degree Attributes
GST Tuition (1GST)

Course Description

Design, prep, and engrave a project which can consist of appropriate types of jewelry, knives, belt buckles, firearms, or other pieces that are used in the engraving profession. Individualized instructions will be discussed with each student to assist them with this final project. Prerequisite: GST 192

Credit Hours

Credit Hours

Min:
3

Lecture Hours

Min:
1

Lab Hours

Min:
6

Requisites

Simple Requisites

Type
Prerequisite

- Complete ALL of the following Courses:
- GST192 - Advanced Engraving

GST295A - Advanced Gunsmithing Practicum

Overview

Course Prefix

GST

Course Number

295A

Course Title

Advanced Gunsmithing Practicum

Degree Attributes

GST Tuition (1GST)

Course Description

Advanced gunsmithing laboratory and practice for students concurrently enrolled in one or more of the 200-level gunsmithing courses. Emphasis on development of a project plan, application of tooling and craftsman skills, and use of quality control standards.

Prerequisite: GST 201 (may be taken concurrently)

Credit Hours

Credit Hours

Min:

2

Lecture Hours

Min:

0

Lab Hours

Min:

6

Requisites

Simple Requisites

Type

Prerequisite

Complete ALL of the following Courses:

- GST201 - Intermediate Gunsmithing

May be taken concurrently.

GST295B - Advanced Gunsmithing Practicum

Overview

Course Prefix

GST

Course Number

295B

Course Title

Advanced Gunsmithing Practicum

Degree Attributes

GST Tuition (1GST)

Course Description

Advanced gunsmithing laboratory and practice for students concurrently enrolled in one or more of the 200-level gunsmithing courses. Emphasis on development of a project plan, application of tooling and craftsman skills, and use of quality control standards.

Prerequisite: GST 251 (may be taken concurrently)

Credit Hours

Credit Hours

Min:

2

Lecture Hours

Min:

0

Lab Hours

Min:

6

Requisites

Simple Requisites

Type

Prerequisite

Complete ALL of the following Courses:

- GST251 - Advanced Gunsmithing

May be taken concurrently.

GST296 - Internship: Gunsmithing

Overview

Course Prefix

GST

Course Number

296

Course Title

Internship: Gunsmithing

Degree Attributes

GST Tuition (1GST)

Course Description

Supervised field experience with businesses, corporations, government agencies, schools and community organizations to expand career interests and apply subject knowledge relevant to the workplace. Individualized internship placements to develop personal and professional skills, including professional ethics, leadership, and civic responsibility.

Prerequisite: Student must have a GPA of 2.0; have completed specific degree requirements as required by the program; and have completed the internship application process. [Repeatable for a total of 6 credit hours towards degree/certificate requirements.] S/U grading only.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

0

Lab Hours

Min:

0

Requisites

Simple Requisites

Type

Prerequisite

Fulfill ALL of the following requirements:

Student must have a GPA of 2.0; have completed specific degree requirements as required by the program; and have completed the internship application process.

GST299 - Independent Study Gunsmithing

Overview

Course Prefix

GST

Course Number

299

Course Title

Independent Study Gunsmithing

Degree Attributes

GST Tuition (1GST)

Course Description

Supervised special project in this field of study. Approval of supervising Division Dean is required.

Credit Hours

Credit Hours

Min:

1

Max:

6

Credit Hours

Operator:

TO

Lecture Hours

Min:

0

Lab Hours

Min:

0

HIS104 - World History I: Early Civilizations to Globalization

Overview

Course Prefix

HIS

Course Number

104

Course Title

World History I: Early Civilizations to Globalization

Degree Attributes

Arts & Humanities (AH) (AH), Critical Thinking (2021-99) (CTC), Diversity (2021-99) (DIVC), SUN# HIS 1131 (Z071), Written Comm (2021-99) (WCC)

Course Description

Exploration of the major developments in world history to the eighteenth century. Exploration of the social, intellectual, political, economic, religious, environmental and cultural components that form the core of the modern world.

Credit Hours**Credit Hours****Min:**

3

Lecture Hours**Min:**

3

Lab Hours**Min:**

0

HIS105 - World History II: Globalization to the Present

Overview

Course Prefix

HIS

Course Number

105

Course Title

World History II: Globalization to the Present

Degree Attributes

Arts & Humanities (AH) (AH), Diversity (2021-99) (DIVC), SUN# HIS 1111 (Z076), Written Comm (2021-99) (WCC)

Course Description

The history of world trade, world empires, and transcontinental migrations from the eighteenth through the twentieth centuries. Examination of the forces of change including industrial, communication and transportation revolutions. The rise of nationalism, militarization and economic globalization.

Credit Hours**Credit Hours****Min:**

3

Lecture Hours**Min:**

3

Lab Hours**Min:**

0

HIS131 - United States History I: Colonization to the Civil War

Overview

Course Prefix

HIS

Course Number

131

Course Title

United States History I: Colonization to the Civil War

Degree Attributes

Diversity (2021-99) (DIVC), Institutions in the Americas (IA), SUN# HIS 1131 (Z071), Written Comm (2021-99) (WCC)

Course Description

Survey of social, economic, political, and cultural history from pre-Contact through the Civil War. Emphasis on diverse scholarly interpretations of historical events and evidence. Examination of the continental approach to the development of the United States and the American people and their various contributions to America's shared past. Prerequisite: Reading Proficiency

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

3

Lab Hours

Min:

0

HIS131H - United States History I: Colonization to the Civil War Honors

Overview

Course Prefix

HIS

Course Number

131H

Course Title

United States History I: Colonization to the Civil War Honors

Degree Attributes

Diversity (2021-99) (DIVC), Institutions in the Americas (IA), Written Comm (WC) (WC)

Course Description

Survey of social, economic, political, and cultural history from pre-Contact through the Civil War. Emphasis on diverse scholarly interpretations of historical events and evidence. Examination of the continental approach to the development of the United States and the American people and their various contributions to America's shared past. Prerequisites: Admission into the Honors Program. Reading Proficiency.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

3

Lab Hours

Min:

0

Requisites

Simple Requisites

<p>Type Prerequisite</p> <p>Fulfill ALL of the following requirements: Admission into the Honors Program. Reading Proficiency.</p>
--

HIS132 - United States History II: Reconstruction to the Present

Overview

Course Prefix

HIS

Course Number

132

Course Title

United States History II: Reconstruction to the Present

Degree Attributes

Arts & Humanities (AH) (AH), Diversity (2021-99) (DIVC), SUN# HIS 1132 (Z072), Written Comm (2021-99) (WCC)

Course Description

Survey of social, economic, political and cultural history from 1865 through the 1980s. Exploration of the diversity of the American people. Examination of Racism, Social Reform Movements, and Industrializing America. Emergence of America in global context.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

3

Lab Hours

Min:

0

HIS296 - Internship: History

Overview

Course Prefix

HIS

Course Number

296

Course Title

Internship: History

Course Description

Supervised field experience with businesses, corporations, government agencies, schools and community organizations to expand career interests and apply subject knowledge relevant to the workplace. Individualized internship placements to develop personal and professional skills, including professional ethics, leadership, and civic responsibility. Prerequisite: Student must have a GPA of 2.0; have completed specific degree requirements as required by the program; and have completed the internship application process. [Repeatable for a total of 6 credit hours towards degree/certificate requirements.] S/U grading only.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

0

Lab Hours

Min:

0

Requisites

Simple Requisites

Type

Prerequisite

Fulfill ALL of the following requirements:

Student must have a GPA of 2.0; have completed specific degree requirements as required by the program; and have completed the internship application process.

HIS299 - Independent Study History

Overview

Course Prefix

HIS

Course Number

299

Course Title

Independent Study History

Course Description

Supervised special project in this field of study. Approval of supervising Division Dean is required.

Credit Hours

Credit Hours

Min:

1

Max:

6

Credit Hours

Operator:

TO

Lecture Hours

Min:

0

Lab Hours

Min:

0

HUM101 - Introduction to Popular Culture

Overview

Course Prefix

HUM

Course Number

101

Course Title

Introduction to Popular Culture

Degree Attributes

Arts & Humanities (AH) (AH), Critical Thinking (2021-99) (CTC)

Course Description

Analyzing and evaluating the relationships among American consumer society, popular culture and ethical questions. Application of critical thinking skills to assess issues, identify influencing factors, and make informed decisions.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

3

Lab Hours

Min:

0

Requisites

Simple Requisites

<p>Type Prerequisite</p> <p>Fulfill ALL of the following requirements: Reading Proficiency</p>
--

HUM202 - Introduction to Mythology

Overview

Course Prefix

HUM

Course Number

202

Course Title

Introduction to Mythology

Degree Attributes

Arts & Humanities (AH) (AH), Diversity (2021-99) (DIVC), Written Comm (2021-99) (WCC)

Course Description

Examination of humanist questions through World mythologies. Issues include: creation of the world, cosmology, fertility/sexuality, human nature, the problem of evil, death, nature of gods/goddesses/God, and the natural world. Prerequisite: ENG 101 or ENG 101H. Reading Proficiency.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

3

Lab Hours

Min:

0

Requisites

Simple Requisites

Untitled Requirement

Type

Prerequisite

Complete ALL of the following Courses:

- ENG101 - College Composition I
OR ENG101H - College Composition I Honors

Reading Proficiency.

HUM236 - American Arts and Ideas

Overview

Course Prefix

HUM

Course Number

236

Course Title

American Arts and Ideas

Degree Attributes

Diversity (2021-99) (DIVC), Institutions in the Americas (IA)

Course Description

Cultural history of the United States from the Eighteenth Century to the present. Scholarly examination of the literature, philosophy, music, visual arts, and architecture. Prerequisite: ENG 101 or ENG 101A or ENG 101H. Reading Proficiency.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

3

Lab Hours

Min:

0

Requisites

Simple Requisites

Type

Prerequisite

Complete ALL of the following Courses:

- ENG101 - College Composition I
OR ENG101A - College Composition I with Writing Skills Review
OR ENG101H - College Composition I Honors

Reading Proficiency.

HUM241 - Humanities I

Overview

Course Prefix

HUM

Course Number

241

Course Title

Humanities I

Degree Attributes

Arts & Humanities (AH) (AH), Diversity (2021-99) (DIVC)

Course Description

Cultural history of global civilization from the Neolithic to the Fourteenth Century. Scholarly examination of the great literature, philosophy, music, visual arts, and architecture achievements of human societies. Reading Proficiency.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

3

Lab Hours

Min:

0

Requisites

Simple Requisites

Type

Prerequisite

Fulfill ALL of the following requirements:

Reading Proficiency

HUM243 - World Cinema

Overview

Course Prefix

HUM

Course Number

243

Course Title

World Cinema

Degree Attributes

Arts & Humanities (AH) (AH), Written Comm (2021-99) (WCC)

Course Description

Historical and critical survey of the development of world cinema as an art form, as a system of communication, and as an industry from its invention to the present day. How films work technically, aesthetically, and culturally to create, reinforce, challenge, comment on or change social, political or aesthetic norms. This course is cross-listed with FMA 243. Prerequisite: ENG 101 or ENG 101A or ENG 101H. Reading Proficiency.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

3

Lab Hours

Min:

0

Requisites

Simple Requisites

Type

Prerequisite

Complete ALL of the following Courses:

- ENG101 - College Composition I
 OR ENG101A - College Composition I with Writing Skills Review
 OR ENG101H - College Composition I Honors

Reading Proficiency.

HUM248 - Introduction to Folklore

Overview

Course Prefix
HUM

Course Number
248

Course Title
Introduction to Folklore

Degree Attributes
Arts & Humanities (AH) (AH), Written Comm (2021-99) (WCC)

Course Description
A cross-cultural introduction to the study of folklore. Focuses on the ways individuals and groups use artistic expression in everyday life - including storytelling, beliefs, songs, speech, dance, celebrations and artifacts - to address issues of identity, community, and tradition. Prerequisite: ENG 101 or ENG 101A or ENG 101H. Reading Proficiency.

Credit Hours

Credit Hours

Min:
3

Lecture Hours

Min:
3

Lab Hours

Min:
0

Requisites

Simple Requisites

Untitled Requirement

Type
Prerequisite

Complete ALL of the following Courses:

- ENG101 - College Composition I
OR ENG101H - College Composition I Honors

Reading Proficiency.

HUM296 - Internship: Humanities

Overview

Course Prefix
HUM

Course Number
296

Course Title
Internship: Humanities

Course Description
Supervised field experience with businesses, corporations, government agencies, schools and community organizations to expand career interests and apply subject knowledge relevant to the workplace. Individualized internship placements to develop personal and professional skills, including professional ethics, leadership, and civic responsibility. Prerequisite: Student must have a GPA of 2.0; have completed specific degree requirements as required by the program; and have completed the internship application process. [Repeatable for a total of 6 credit hours towards degree/certificate requirements.] S/U grading only.

Credit Hours

Credit Hours

Min:
3

Lecture Hours

Min:
0

Lab Hours

Min:
0

Requisites

Simple Requisites

Type
Prerequisite

Fulfill ALL of the following requirements:
Student must have a GPA of 2.0; have completed specific degree requirements as required by the program; and have completed the internship application process.

HUM299 - Independent Study Humanities

Overview

Course Prefix

HUM

Course Number

299

Course Title

Independent Study Humanities

Course Description

Supervised special project in this field of study. Approval of supervising Division Dean is required.

Credit Hours

Credit Hours

Min:

1

Max:

6

Credit Hours

Operator:

TO

Lecture Hours

Min:

0

Lab Hours

Min:

0

HVA100 - Introduction to HVAC I

Overview

Course Prefix

HVA

Course Number

100

Course Title

Introduction to HVAC I

Degree Attributes

HVAC Tuition (1HVA)

Course Description

Basic principles of air conditioning, heating and refrigeration. Examination of the structures and function of cooling and air systems. Focus is on skill development in the areas of soldering, brazing and pipe design.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

2

Lab Hours

Min:

3

HVA110 - Introduction to HVAC II

Overview

Course Prefix

HVA

Course Number

110

Course Title

Introduction to HVAC II

Degree Attributes

HVAC Tuition (1HVA)

Course Description

Overview of function, design and installation of duct systems, hot water systems and exhaust systems. Focus on maintenance procedures commonly performed in HVAC servicing work.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

2

Lab Hours

Min:

3

HVA111 - Basic Electricity for HVAC Technicians

Overview

Course Prefix

HVA

Course Number

111

Course Title

Basic Electricity for HVAC Technicians

Degree Attributes

HVAC Tuition (1HVA)

Course Description

Basic principles of electricity necessary to properly assess, install and service the electrical circuits commonly associated with HVAC equipment.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

2

Lab Hours

Min:

3

HVA112 - EPA Refrigerant Certification Prep

Overview

Course Prefix

HVA

Course Number

112

Course Title

EPA Refrigerant Certification Prep

Degree Attributes

HVAC Tuition (1HVA)

Course Description

Preparation for the EPA Section 608 Technician Certificate. Review of EPA guidelines for refrigerant recovery and recycling during the installation, service and repair of all HVAC and refrigeration systems. Includes an overview of low GWP refrigerants (A2L and A3 types).

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

2

Lab Hours

Min:

3

HVA113 - Advanced HVAC Systems

Overview

Course Prefix

HVA

Course Number

113

Course Title

Advanced HVAC Systems

Degree Attributes

HVAC Tuition (1HVA)

Course Description

Overview of residential and commercial HVAC systems. Prepares students for the North American Technician Excellence (NATE) Low-Global Warming Potential (GWP) Certification. Prerequisites: Program Admission.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

2

Lab Hours

Min:

3

Requisites

Simple Requisites

Type

Prerequisite

Fulfill ALL of the following requirements:

Program Admission.

HVA114 - Advanced Refrigeration

Overview

Course Prefix

HVA

Course Number

114

Course Title

Advanced Refrigeration

Degree Attributes

HVAC Tuition (1HVA)

Course Description

Focuses on refrigeration systems in residential and commercial settings. Includes system components, metering devices, and best practices for refrigerant handling, including low-Global Warming Potential (GWP) refrigerant options. Prerequisite: Program Admission.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

2

Lab Hours

Min:

3

Requisites

Simple Requisites

Type

Prerequisite

Fulfill ALL of the following requirements:

Program Admission.

HVA115 - Advanced Electrical Practices for HVAC

Overview

Course Prefix

HVA

Course Number

115

Course Title

Advanced Electrical Practices for HVAC

Degree Attributes

HVAC Tuition (1HVA)

Course Description

Explore electrical theory and its application in HVAC systems, focusing on circuit design, load calculations, troubleshooting and compliance with NEC codes to ensure optimal performance. Prerequisite: Program Admission.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

2

Lab Hours

Min:

3

Requisites

Simple Requisites

Type

Prerequisite

Fulfill ALL of the following requirements:

Program Admission.

HVA116 - NATE Certification Prep Course

Overview

Course Prefix

HVA

Course Number

116

Course Title

NATE Certification Prep Course

Degree Attributes

HVAC Tuition (1HVA)

Course Description

Provides a suggested study plan for the NATE Core Exam and Specialty Exam for North American Technician Excellence (NATE) Certification. Topics include safety, tools, heat transfer, comfort, basic electrical, installation, planned maintenance, system components and design considerations. Prerequisite: Program Admission.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

2

Lab Hours

Min:

3

Requisites

Simple Requisites

Type

Prerequisite

Fulfill ALL of the following requirements:

Program Admission.

HVA215 - Refrigerant Technology I

Overview

Course Prefix

HVA

Course Number

215

Course Title

Refrigerant Technology I

Degree Attributes

HVAC Tuition (1HVA)

Course Description

Introduction to the refrigeration system. Includes taking necessary readings and measurements as well as opportunities to use evacuation, refrigerant recovery and refrigerant charging equipment.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

2

Lab Hours

Min:

3

HVA220 - HVAC Circuits and Motors

Overview

Course Prefix

HVA

Course Number

220

Course Title

HVAC Circuits and Motors

Degree Attributes

HVAC Tuition (1HVA)

Course Description

Overview of electrical motors and control circuits. Emphasis on skill development in diagnostic, circuit diagrams and electrical meter application commonly used in the HVAC industry.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

2

Lab Hours

Min:

3

HVA225 - Heating Technologies I

Overview

Course Prefix

HVA

Course Number

225

Course Title

Heating Technologies I

Degree Attributes

HVAC Tuition (1HVA)

Course Description

Overview of heating equipment and service needs. Focus on gas, oil and electrical heating. Fundamentals in installation practices that affect efficiency, performance and equipment life span.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

2

Lab Hours

Min:

3

HVA230 - HVAC Troubleshooting

Overview

Course Prefix

HVA

Course Number

230

Course Title

HVAC Troubleshooting

Degree Attributes

HVAC Tuition (1HVA)

Course Description

Problem-solving techniques and methodology using foundational concepts in refrigerant technology, heating technology and electrical circuits. Emphasis on troubleshooting procedures commonly utilized in the HVAC field.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

2

Lab Hours

Min:

2

HVA235 - Water Management and Distribution

Overview

Course Prefix

HVA

Course Number

235

Course Title

Water Management and Distribution

Degree Attributes

HVAC Tuition (1HVA)

Course Description

Explore water treatment methods, equipment, testing procedures, and the management of cooling towers, boilers, and wastewater, with an emphasis on conservation practices and EPA regulations. Prerequisite: Program Admission.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

2

Lab Hours

Min:

3

Requisites

Simple Requisites

Type

Prerequisite

Fulfill ALL of the following requirements:

Program Admission.

HVA240 - HVAC Controls and Automation Systems

Overview

Course Prefix
HVA

Course Number
240

Course Title
HVAC Controls and Automation Systems

Degree Attributes
HVAC Tuition (1HVA)

Course Description
Examine programmable logic controllers (PLCs), smart technologies, and Internet of Things (IoT) in HVAC systems. Explore energy management, building automation, sensors, predictive maintenance, and future trends in controls and automation. Prerequisite: Program Admission

Credit Hours

Credit Hours

Min:
3

Lecture Hours

Min:
2

Lab Hours

Min:
3

Requisites

Simple Requisites

Type
Prerequisite

Fulfill ALL of the following requirements:
Program Admission.

HVA245 - Chiller Systems

Overview

Course Prefix
HVA

Course Number
245

Course Title
Chiller Systems

Degree Attributes
HVAC Tuition (1HVA)

Course Description

Examine chiller types and applications, variable frequency drives, controls, refrigerant handling, troubleshooting, and maintenance efficiency, with a focus on regulatory standards and safety. Prerequisite: Program Admission.

Credit Hours

Credit Hours

Min:
3

Lecture Hours

Min:
2

Lab Hours

Min:
3

Requisites

Simple Requisites

Type
Prerequisite

Fulfill ALL of the following requirements:
Program Admission.

HVA250 - HVAC Service Diagnostics and Troubleshooting

Overview

Course Prefix
HVA

Course Number
250

Course Title

HVAC Service Diagnostics and Troubleshooting

Degree Attributes

HVAC Tuition (1HVA)

Course Description

Diagnose and troubleshoot HVAC systems through preventative maintenance, diagnostic tools, standard operating procedures, and effective communication strategies, while emphasizing data analysis, service documentation, and safety practices. Prerequisites: Program Admission.

Credit Hours

Credit Hours

Min:
3

Lecture Hours

Min:
2

Lab Hours

Min:
3

Requisites

Simple Requisites

Type

Prerequisite

Fulfill ALL of the following requirements:

Program Admission.

HVA299 - Independent Study Heating, Ventilation and Air Conditioning

Overview

Course Prefix
HVA

Course Number
299

Course Title

Independent Study Heating, Ventilation and Air Conditioning

Degree Attributes

HVAC Tuition (1HVA)

Course Description

Supervised special project in this field of study. Approval of supervising Division Dean is required.

Credit Hours

Credit Hours

Min:
1

Max:
6

Credit Hours Operator:
TO

Lecture Hours

Min:
0

Lab Hours

Min:
0

ICE100 - Computed Tomography Certification

Overview

Course Prefix

ICE

Course Number

100

Course Title

Computed Tomography Certification

Degree Attributes

Tuition 3 (1T13)

Course Description

Foundations of computed tomography (CT) scanning principles with respect to patient safety, instrumentation, protocols, scanning parameters, cross-sectional anatomy and pathology. Prerequisite: Program Admission.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

3

Lab Hours

Min:

0

Requisites

Simple Requisites

Type

Prerequisite

Fulfill ALL of the following requirements:

Program Admission

ICE110 - Computed Tomography Clinical Education I

Overview

Course Prefix

ICE

Course Number

110

Course Title

Computed Tomography Clinical Education I

Degree Attributes

Tuition 3 (1T13)

Course Description

Supervised clinical assignments follow a structured approach involving observation, assistance, and the achievement of specific computed tomography competency benchmarks over the course of a semester. These experiences are designed to help students develop essential skills in patient care and computed tomography positioning through a competency-based approach. Prerequisite: Program Admission.

Credit Hours

Credit Hours

Min:

3

Lab Hours

Min:

9

Requisites

Simple Requisites

Type

Prerequisite

Fulfill ALL of the following requirements:

Program Admission

ICE150 - Bone Densitometry Certification

Overview

Course Prefix

ICE

Course Number

150

Course Title

Bone Densitometry Certification

Degree Attributes

Tuition 3 (1T13)

Course Description

This course offers the foundations of Bone Densitometry. Designed to support skill development in specific content areas and to ensure that entry-level bone densitometry technologists meet the training requirements set forth by the American Registry of Radiologic Technologists (ARRT) to challenge the post-primary examination.

Pre-requisite: Program Admission.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

3

Lab Hours

Min:

0

Requisites

Simple Requisites

Type

Prerequisite

Fulfill ALL of the following requirements:

Program Admission

ICE155 - Bone Densitometry Clinical Education

Overview

Course Prefix

ICE

Course Number

155

Course Title

Bone Densitometry Clinical Education

Degree Attributes

Tuition 3 (1T13)

Course Description

Supervised clinical assignments follow a structured approach involving observation, assistance, and the achievement of specific bone densitometry competency benchmarks over the course of a semester. These experiences are designed to help students develop essential skills in patient care and bone densitometry positioning through a competency-based approach.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

0

Lab Hours

Min:

9

ICE200 - Magnetic Resonance Certification

Overview

Course Prefix

ICE

Course Number

200

Course Title

Magnetic Resonance Certification

Degree Attributes

Tuition 3 (1T13)

Course Description

Foundations of magnetic resonance (MR) scanning principles with respect to patient safety, instrumentation, protocols, scanning parameters, cross-sectional anatomy and pathology. Prerequisite: Program Admission.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

3

Requisites

Simple Requisites

Type

Prerequisite

Fulfill ALL of the following requirements:

Program Admission

ICE210 - Magnetic Resonance Clinical Education I

Overview

Course Prefix

ICE

Course Number

210

Course Title

Magnetic Resonance Clinical Education I

Degree Attributes

Tuition 3 (1T13)

Course Description

Supervised clinical assignments follow a structured approach involving observation, assistance, and the achievement of specific magnetic resonance competency benchmarks over the course of a semester. These experiences are designed to help students develop essential skills in patient care and magnetic resonance positioning through a competency-based approach. Prerequisite: Program Admission.

Credit Hours

Credit Hours

Min:

3

Lab Hours

Min:

9

Requisites

Simple Requisites

Type

Prerequisite

Fulfill ALL of the following requirements:

Program Admission

ICE250 - Mammography Initial Training

Overview

Course Prefix

ICE

Course Number

250

Course Title

Mammography Initial Training

Degree Attributes

Tuition 3 (1T13)

Course Description

Foundations of breast imaging, a brief overview of breast sonography, and an introduction to bone Densitometry. Designed to support skill development in specific content areas and to ensure that entry-level Mammography technologists meet the initial training requirements set forth by the Mammography Quality Standards Act and Program (MQSA), and the American Registry of Radiologic Technologists (ARRT) to challenge the post-primary examination. Prerequisite: Program admission.

Credit Hours

Credit Hours

Min:

4

Lecture Hours

Min:

4

Lab Hours

Min:

0

Requisites

Simple Requisites

Type

Prerequisite

Fulfill ALL of the following requirements:

Program Admission

ICE255 - Mammography Clinical Education

Overview

Course Prefix

ICE

Course Number

255

Course Title

Mammography Clinical Education

Degree Attributes

Tuition 3 (1T13)

Course Description

Supervised clinical assignments follow a structured approach involving observation, assistance, and the achievement of specific mammography competency benchmarks over the course of a semester. These experiences are designed to help students develop essential skills in patient care and mammographic positioning through a competency-based approach. Prerequisite: Program Admission.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

0

Lab Hours

Min:

9

Requisites

Simple Requisites

Type

Prerequisite

Fulfill ALL of the following requirements:

Program Admission

IHF110 - Meditation for Well-Being

Overview

Course Prefix

IHF

Course Number

110

Course Title

Meditation for Well-Being

Degree Attributes

Tuition 3 (1T13)

Course Description

Exercises for mind/body connection to enhance understanding of the factors that contribute to relaxation, emotional stability, reduction in anxiety, enhanced focus and increased well-being. Techniques for facing stress, adversity and/or change.

Credit Hours

Credit Hours

Min:

1

Lecture Hours

Min:

0

Lab Hours

Min:

2

IHF130 - Hatha Yoga

Overview

Course Prefix

IHF

Course Number

130

Course Title

Hatha Yoga

Degree Attributes

Tuition 3 (1T13)

Course Description

Introduction to yoga and meditation. Explore Hatha Yoga, practice breathing exercises, yoga poses and relaxation techniques.

Credit Hours

Credit Hours

Min:

1

Lecture Hours

Min:

0

Lab Hours

Min:

2

IHF160 - T'ai Chi

Overview

Course Prefix

IHF

Course Number

160

Course Title

T'ai Chi

Degree Attributes

Tuition 3 (1T13)

Course Description

Ancient Chinese martial movement art form practiced for health, relaxation, meditation, self-cultivation and self-defense. System of rounded, fluid and balanced movements, played slowly in a continuous manner. Suitable for all fitness levels.

Credit Hours

Credit Hours

Min:

1

Lecture Hours

Min:

0

Lab Hours

Min:

2

IHF190 - Reiki

Overview

Course Prefix

IHF

Course Number

190

Course Title

Reiki

Degree Attributes

Tuition 3 (1T13)

Course Description

Reiki is a Japanese Energy healing technique. Provides knowledge to begin a healing practice, teach reiki or expand your own awareness and intuition.

Credit Hours

Credit Hours

Min:

2

Lecture Hours

Min:

1

Lab Hours

Min:

2

IHF220 - Herbal Remedies

Overview

Course Prefix

IHF

Course Number

220

Course Title

Herbal Remedies

Degree Attributes

Tuition 3 (1T13)

Course Description

Examines common medical conditions and the herbal remedies used to support contemporary healthcare practices. Widely used herbal remedies are reviewed, including traditional and current indications, typical dosage ranges, potential side effects, and contraindications. Explore the role of herbal remedies in healthcare and research information related to medical conditions and herbal therapies.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

3

Lab Hours

Min:

0

IHM130 - Applied Massage Therapy

Overview

Course Prefix

IHM

Course Number

130

Course Title

Applied Massage Therapy

Degree Attributes

Tuition 3 (1T13)

Course Description

Study of bones, joints and muscles while developing palpation skills with practical application in concurrent massage class experience.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

3

Lab Hours

Min:

0

IHM150 - Therapeutic Massage I

Overview

Course Prefix

IHM

Course Number

150

Course Title

Therapeutic Massage I

Degree Attributes

Tuition 3 (1T13)

Course Description

Introduction to massage history, benefits and contraindications, draping, hygiene and safety, relaxation massage techniques and benefits, and business and ethics.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

2.5

Lab Hours

Min:

1.5

IHM155 - Practicum: Relaxation Massage

Overview

Course Prefix

IHM

Course Number

155

Course Title

Practicum: Relaxation Massage

Degree Attributes

Tuition 3 (1T13)

Course Description

Practicum consisting of hands-on experience with emphasis on relaxation massage under supervision.

Credit Hours

Credit Hours

Min:

1

Lecture Hours

Min:

0

Lab Hours

Min:

3

IHM170 - Therapeutic Massage II

Overview

Course Prefix

IHM

Course Number

170

Course Title

Therapeutic Massage II

Degree Attributes

Tuition 3 (1T13)

Course Description

Introduce event massages including chair, rocking, or sports massages performed in public settings. Emphasizes working with athletes to maximize performance.

Professionalism, hygiene and proper body mechanics for the massage therapist are addressed.

Credit Hours**Credit Hours****Min:**

3

Lecture Hours**Min:**

2.5

Lab Hours**Min:**

1.5

IHM175 - Practicum: Therapeutic Massage

Overview

Course Prefix

IHM

Course Number

175

Course Title

Practicum: Therapeutic Massage

Degree Attributes

Tuition 3 (1T13)

Course Description

Practicum consisting of hands-on experience with emphasis on therapeutic massage under supervision.

Credit Hours**Credit Hours****Min:**

1

Lecture Hours**Min:**

0

Lab Hours**Min:**

3

IHM210 - Therapeutic Massage III

Overview

Course Prefix

IHM

Course Number

210

Course Title

Therapeutic Massage III

Degree Attributes

Tuition 3 (1T13)

Course Description

Muscle-specific and condition-specific massage designed to aid in the rehabilitative process, including relief of carpal tunnel syndrome, thoracic outlet syndrome, sciatic, low back and neck pain.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

2.5

Lab Hours

Min:

1.5

IHM215 - Practicum: Massage Therapy for Special Populations

Overview

Course Prefix

IHM

Course Number

215

Course Title

Practicum: Massage Therapy for Special Populations

Degree Attributes

Tuition 3 (1T13)

Course Description

Practicum consisting of hands-on experience with emphasis on massage for special populations under supervision.

Credit Hours

Credit Hours

Min:

1

Lecture Hours

Min:

0

Lab Hours

Min:

3

IHM230 - Therapeutic Massage IV

Overview

Course Prefix

IHM

Course Number

230

Course Title

Therapeutic Massage IV

Degree Attributes

Tuition 3 (1T13)

Course Description

Introduction to special populations massage including pregnancy, geriatric, and lymphatic massages, and foot reflexology. Proper body mechanics, hygiene, safety, draping, and professional decorum are incorporated.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

2.5

Lab Hours

Min:

1.5

IHM235 - Practicum: Spa/Hydrotherapy

Overview

Course Prefix

IHM

Course Number

235

Course Title

Practicum: Spa/Hydrotherapy

Degree Attributes

Tuition 3 (1T13)

Course Description

Practicum consisting of hands-on experience with emphasis on spa treatments and hydrotherapy under supervision.

Credit Hours

Credit Hours

Min:

1

Lecture Hours

Min:

0

Lab Hours

Min:

3

IHM250 - Therapeutic Massage V

Overview

Course Prefix

IHM

Course Number

250

Course Title

Therapeutic Massage V

Degree Attributes

Tuition 3 (1T13)

Course Description

Introduce spa technologies including hot rock massage, scrubs, muds and wraps. Industry standards such as hygiene and draping as well as job-search recommendations are included.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

2.5

Lab Hours

Min:

1.5

IHR110 - Western Approach to Reflexology

Overview

Course Prefix

IHR

Course Number

110

Course Title

Western Approach to Reflexology

Degree Attributes

Tuition 3 (1T13)

Course Description

Explores the various theories that have led to development of modern western reflexology. Concentrates on basic foot protocols and hand techniques used for the purpose of relaxation and stress reduction.

Credit Hours

Credit Hours

Min:

2

Lecture Hours

Min:

1.5

Lab Hours

Min:

1

IHR130 - Pathology & Assessment in Reflexology

Overview

Course Prefix

IHR

Course Number

130

Course Title

Pathology & Assessment in Reflexology

Degree Attributes

Tuition 3 (1T13)

Course Description

System-by-system review of the ten bodily systems as related to the microcosm theory in reflexology. Pathology and symptomology are reviewed in-depth. Client history taking, Subjective Objective Assessment and Plan (SOAP) notes and treatment plans are taught.

Credit Hours**Credit Hours****Min:**

2

Lecture Hours**Min:**

1.5

Lab Hours**Min:**

1

IHR150 - Emotional Balance in Reflexology

Overview

Course Prefix

IHR

Course Number

150

Course Title

Emotional Balance in Reflexology

Degree Attributes

Tuition 3 (1T13)

Course Description

Focuses on Western and Eastern theories as they relate to the balance of body, mind and spirit, as well as zone theory. Includes a hands-on component for the feet or acupressure points of the feet, hands and body points, including therapeutic meridian brushing.

Credit Hours**Credit Hours****Min:**

2

Lecture Hours**Min:**

1.5

Lab Hours**Min:**

1

IHR170 - Auriculotherapy in Reflexology

Overview

Course Prefix

IHR

Course Number

170

Course Title

Auriculotherapy in Reflexology

Degree Attributes

Tuition 3 (1T13)

Course Description

Auriculotherapy is a therapeutic intervention in which stimulation of the ear is utilized to alleviate health conditions in other parts of the body. Includes exploring master points, emotional points and specific protocols are taught, including addiction relief.

Credit Hours**Credit Hours****Min:**

2

Lecture Hours**Min:**

1.5

Lab Hours**Min:**

1

IHR190 - Reflexology Assessment I

Overview

Course Prefix

IHR

Course Number

190

Course Title

Reflexology Assessment I

Degree Attributes

Tuition 3 (1T13)

Course Description

Introduces the Ayurveda elements found in the toes, their meaning and how to give a basic toe reading to another. Coaching language and potent questions are introduced.

Credit Hours**Credit Hours****Min:**

2

Lecture Hours**Min:**

1.5

Lab Hours**Min:**

1

IHR200 - Introduction to Energetic Acupressure

Overview

Course Prefix

IHR

Course Number

200

Course Title

Introduction to Energetic Acupressure

Degree Attributes

Tuition 3 (1T13)

Course Description

Introduces three major meridians flows with strategic potent points for physical and emotional release and relaxation. Various reflexology holograms will be included in the protocol.

Credit Hours

Credit Hours

Min:

2

Lecture Hours

Min:

1.5

Lab Hours

Min:

1

IHR210 - Aromatherapy & Foot Chakra Reflexology

Overview

Course Prefix

IHR

Course Number

210

Course Title

Aromatherapy & Foot Chakra Reflexology

Degree Attributes

Tuition 3 (1T13)

Course Description

Trains students to skillfully integrate essential oils into foot reflexology treatment. Utilizes pressure points to foster physical healing and when combined with the benefits of aromatherapy, can be a powerful tool for opening the chakras, facilitating emotional release, and enhancing the client's receptivity to healing.

Credit Hours

Credit Hours

Min:

2

Lecture Hours

Min:

1.5

Lab Hours

Min:

1

IHR230 - Reflexology Assessment II

Overview

Course Prefix

IHR

Course Number

230

Course Title

Reflexology Assessment II

Degree Attributes

Tuition 3 (1T13)

Course Description

Introduces the chakra information that is holographically stored within the toes and feet will be explored to further help refine the predictable sites of sacred life stories. A "Royal Reading", complete with washing of the feet and the use of blended essential oils is taught to help create trust, ritual, blessings and sacred space with your client to deepen the discoveries from the soul in a toe reading session.

Credit Hours

Credit Hours

Min:

2

Lecture Hours

Min:

1.5

Lab Hours

Min:

1

IHR240 - Polarity in Reflexology

Overview

Course Prefix

IHR

Course Number

240

Course Title

Polarity in Reflexology

Degree Attributes

Tuition 3 (1T13)

Course Description

Explore foot, hand and ear reflexology from an energy perspective. Learn the reflex points, hook up currents of energy and use breath and sound for more complete healing.

Credit Hours

Credit Hours

Min:

2

Lecture Hours

Min:

1.5

Lab Hours

Min:

1

IHR250 - Thai Foot Massage

Overview

Course Prefix

IHR

Course Number

250

Course Title

Thai Foot Massage

Degree Attributes

Tuition 3 (1T13)

Course Description

Learn techniques to do a soothing, restful hour-long massage using deep pressure, warming lotions, and a wooden dowel.

Credit Hours**Credit Hours****Min:**

2

Lecture Hours**Min:**

1.5

Lab Hours**Min:**

1

IHR260 - East Indian Massage: Head Acupressure

Overview

Course Prefix

IHR

Course Number

260

Course Title

East Indian Massage: Head Acupressure

Degree Attributes

Tuition 3 (1T13)

Course Description

Explores the holograms of the head, utilizing the marma points - the places on the head where two or more types of tissue meet, such as muscles, veins, ligaments, bones or joints. Adapt to a corporate chair routine or for use in therapeutic massage of reflexology session.

Credit Hours**Credit Hours****Min:**

2

Lecture Hours**Min:**

1.5

Lab Hours**Min:**

1

IHR270 - Hand Reflexology

Overview

Course Prefix

IHR

Course Number

270

Course Title

Hand Reflexology

Degree Attributes

Tuition 3 (1T13)

Course Description

The hands represent the concept of mindfulness. Learn to identify the reflex points of the hands and an effective relaxation treatment, as well as self-care and first aid points.

Credit Hours**Credit Hours****Min:**

2

Lecture Hours**Min:**

1.5

Lab Hours**Min:**

1

IHR280 - Face-Lift Acupressure

Overview

Course Prefix

IHR

Course Number

280

Course Title

Face-Lift Acupressure

Degree Attributes

Tuition 3 (1T13)

Course Description

Use face lift points associated with the facial meridians, one can gain immediate results that will help rejuvenate the muscles around the eyes and diminish wrinkles. Through supportive lifestyle practices such as proper diet and nutrition, positive thoughts and emotional well-being, good breathing and sleeping habits, use of vitamin and mineral supplements, exercise, and a skin care program, learn how these habits will help maintain a youthful look.

Credit Hours**Credit Hours****Min:**

2

Lecture Hours**Min:**

1.5

Lab Hours**Min:**

1

IPT261 - Machine Shop

Overview

Course Prefix

IPT

Course Number

261

Course Title

Machine Shop

Degree Attributes

Tuition 2 (1T12)

Course Description

Theory and practice in history, concepts, safety and job planning in the machine shop.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

2

Lab Hours

Min:

3

IPT295 - Apprenticeship: Industrial Plant

Overview

Course Prefix

IPT

Course Number

295

Course Title

Apprenticeship: Industrial Plant

Degree Attributes

Tuition 2 (1T12)

Course Description

Supervised field experience in the industrial plant, industrial machine mechanic, and/or automated industrial technology disciplines. [Repeatable for a total of 12 credit hours towards degree/certificate requirements.] S/U grading only. Prerequisite: Program Admission.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

0

Lab Hours

Min:

0

Requisites

Simple Requisites

Type

Prerequisite

Fulfill ALL of the following requirements:

Program Admission

IPT296 - Internship: Industrial Plant Technician

Overview

Course Prefix

IPT

Course Number

296

Course Title

Internship: Industrial Plant Technician

Degree Attributes

Tuition 2 (1T12)

Course Description

Supervised field experience with businesses, corporations, government agencies, schools and community organizations to expand career interests and apply subject knowledge relevant to the workplace. Individualized internship placements to develop personal and professional skills, including professional ethics, leadership, and civic responsibility.

Prerequisite: Student must have a GPA of 2.0; have completed specific degree requirements as required by the program; and have completed the internship application process. [Repeatable for a total of 6 credit hours towards degree/certificate requirements.] S/U grading only.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

0

Lab Hours

Min:

0

Requisites

Simple Requisites

Type

Prerequisite

Fulfill ALL of the following requirements:

Student must have a GPA of 2.0 ; have completed specific degree requirements as required by the program; and have completed the internship application process.

IPT299 - Independent Study Industrial Plant Technology

Overview

Course Prefix

IPT

Course Number

299

Course Title

Independent Study Industrial Plant Technology

Degree Attributes

Tuition 2 (1T12)

Course Description

Supervised special project in this field of study. Approval of supervising Division Dean is required.

Credit Hours

Credit Hours

Min:

1

Max:

6

Credit Hours

Operator:

TO

Lecture Hours

Min:

0

Lab Hours

Min:

0

LAW100 - Introduction to Paralegal Studies

Overview

Course Prefix

LAW

Course Number

100

Course Title

Introduction to Paralegal Studies

Degree Attributes

Tuition 2 (1T12)

Course Description

Introduction to the role of the paralegal in the legal system, including the federal and state court systems, ethics, regulation and professional responsibility, legal analysis, research and basic legal concepts. Includes professional development and job search strategies.

Credit Hours**Credit Hours****Min:**

3

Lecture Hours**Min:**

3

Lab Hours**Min:**

0

LAW102 - Legal Computer Applications

Overview

Course Prefix

LAW

Course Number

102

Course Title

Legal Computer Applications

Degree Attributes

Tuition 2 (1T12)

Course Description

Introduction to, and advanced application of, computer software applications used in a law office and the business community. Includes computer research tools, e-mail, application of general office management software to the legal environment, ethical considerations, and law office practice concepts, time and billing, calendaring, and docket control, case management, document management, litigation support, computer research tools, and ethical considerations.

Credit Hours**Credit Hours****Min:**

3

Lecture Hours**Min:**

3

Lab Hours**Min:**

0

LAW103 - Ethics and the Law

Overview

Course Prefix

LAW

Course Number

103

Course Title

Ethics and the Law

Degree Attributes

Tuition 2 (1T12)

Course Description

Ethical issues, cultural influences and moral theories as they relate to the legal profession. Origins and concepts of justice. State and national ethical codes and rules of professional responsibility. Ethical dilemmas and methods for researching answers. Professionalism and the unauthorized practice of law. Emphasis on critical thinking and values decision making.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

3

Lab Hours

Min:

0

LAW104 - Wills, Trusts and Probate

Overview

Course Prefix

LAW

Course Number

104

Course Title

Wills, Trusts and Probate

Degree Attributes

Tuition 2 (1T12)

Course Description

Critical issues, roles, and legal requirements in estate administration and pleadings.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

3

Lab Hours

Min:

0

LAW107 - Law Office Management

Overview

Course Prefix

LAW

Course Number

107

Course Title

Law Office Management

Degree Attributes

Tuition 2 (1T12)

Course Description

Processes and standards of law office management including record keeping, timekeeping, billing, calendaring and docket control. Emphasis on the principles and practices of law office management for manual and automated systems.

Credit Hours**Credit Hours****Min:**

3

Lecture Hours**Min:**

3

Lab Hours**Min:**

0

LAW109 - Substantive Criminal Law

Overview

Course Prefix

LAW

Course Number

109

Course Title

Substantive Criminal Law

Degree Attributes

Tuition 2 (1T12)

Course Description

Nature, origins, purposes, structure and operation of the American criminal justice system. Constitutional limitations. Classification and basic elements of crimes. Common defenses to crimes. This course is cross-listed with AJS 109.

Credit Hours**Credit Hours****Min:**

3

Lecture Hours**Min:**

3

Lab Hours**Min:**

0

LAW202 - Real Estate Law

Overview

Course Prefix

LAW

Course Number

202

Course Title

Real Estate Law

Degree Attributes

Tuition 2 (1T12)

Course Description

Overview of legal requirements and the documents and forms relating to real property transactions. Real estate purchase and sale, various methods of holding title to real property, mortgages, lease agreements, liens and declarations of homestead.

Credit Hours**Credit Hours****Min:**

3

Lecture Hours**Min:**

3

LAW203 - Family Law

Overview

Course Prefix

LAW

Course Number

203

Course Title

Family Law

Degree Attributes

Tuition 2 (1T12)

Course Description

Legal aspects of domestic matters and family relationships. Emphasis on dissolution of marriage, community property, child custody, child support and support calculations, adoptions, guardianships, state involvement in family and parent-child relationships, and statutes relating to families and family relationships.

Credit Hours**Credit Hours****Min:**

3

Lecture Hours**Min:**

3

Lab Hours**Min:**

0

LAW204 - Business Organizations

Overview

Course Prefix

LAW

Course Number

204

Course Title

Business Organizations

Degree Attributes

Tuition 2 (1T12)

Course Description

Legal requirements of corporations, partnerships, LLCs, and sole proprietorships.

Credit Hours**Credit Hours****Min:**

3

Lecture Hours**Min:**

3

Lab Hours**Min:**

0

LAW205 - Contracts

Overview

Course Prefix

LAW

Course Number

205

Course Title

Contracts

Degree Attributes

Tuition 2 (1T12)

Course Description

General principles of the law of contracts and drafting of agreements, negotiable instruments, and sales.

Credit Hours**Credit Hours****Min:**

3

Lecture Hours**Min:**

3

Lab Hours**Min:**

0

LAW212 - Juvenile Justice Procedures

Overview

Course Prefix

LAW

Course Number

212

Course Title

Juvenile Justice Procedures

Degree Attributes

Tuition 2 (1T12)

Course Description

History and development of juvenile justice theories, procedures and institutions. This course is cross-listed with AJS 212.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

3

Lab Hours

Min:

0

LAW214 - Juvenile Dependency Law

Overview

Course Prefix

LAW

Course Number

214

Course Title

Juvenile Dependency Law

Degree Attributes

Tuition 2 (1T12)

Course Description

Legal aspects of juvenile dependency with emphasis on child welfare proceedings, including child protection, foster care, child custody, and the government's authority and ability to provide assistance to families and protect children.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

3

Lab Hours

Min:

0

LAW217 - Legal Research and Writing I

Overview

Course Prefix

LAW

Course Number

217

Course Title

Legal Research and Writing I

Degree Attributes

Tuition 2 (1T12)

Course Description

Principles and techniques for conducting legal research. Emphasis on sources of law, utilization of primary and secondary sources, and case briefing. Extensive practice in writing research memoranda. Prerequisite: LAW 100

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

3

Lab Hours

Min:

0

Requisites

Simple Requisites

Type

Prerequisite

Complete ALL of the following Courses:

- LAW100 - Introduction to Paralegal Studies

LAW218 - Legal Research and Writing II

Overview

Course Prefix

LAW

Course Number

218

Course Title

Legal Research and Writing II

Degree Attributes

Tuition 2 (1T12)

Course Description

Application of research and writing skills in responding to complex legal issues and preparing complex legal documents. Prerequisite: LAW 217.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

3

Lab Hours

Min:

0

Requisites

Simple Requisites

Type

Prerequisite

Complete ALL of the following Courses:

- LAW217 - Legal Research and Writing I

LAW220 - Civil Procedure I

Overview

Course Prefix

LAW

Course Number

220

Course Title

Civil Procedure I

Degree Attributes

Tuition 2 (1T12)

Course Description

Principles and procedures of civil litigation. Jurisdiction and venue, parties to action, and pleadings. Introduction to drafting of documents required from inception of civil action through the pleading stage, up to trial. Prerequisite: LAW 217 and LAW218 (may be taken concurrently)

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

3

Lab Hours

Min:

0

Requisites

Simple Requisites

Prerequisite

Type

Prerequisite

Complete ALL of the following Courses:

- LAW217 - Legal Research and Writing I
- LAW218 - Legal Research and Writing II

LAW218 may be taken concurrently with LAW220.

LAW221 - Civil Procedure II

Overview

Course Prefix

LAW

Course Number

221

Course Title

Civil Procedure II

Degree Attributes

Tuition 2 (1T12)

Course Description

Study of the civil litigation process. Includes trial preparation, trial, evidence, and appeal. Prerequisite: LAW 220.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

3

Lab Hours

Min:

0

Requisites

Simple Requisites

Type

Prerequisite

Complete ALL of the following Courses:

- LAW220 - Civil Procedure I

LAW230 - Administrative Law

Overview

Course Prefix

LAW

Course Number

230

Course Title

Administrative Law

Degree Attributes

Tuition 2 (1T12)

Course Description

Overview of Administrative Law in general, and in particular, how administrative bodies are regulated and function in Arizona. Emphasis placed on the actual representation of clients before such bodies, including procedural and hearing rules. Prerequisites: LAW 100.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

3

Lab Hours

Min:

0

Requisites

Simple Requisites

Type

Prerequisite

Complete ALL of the following Courses:

- LAW100 - Introduction to Paralegal Studies

LAW232 - Evidence

Overview

Course Prefix

LAW

Course Number

232

Course Title

Evidence

Degree Attributes

Tuition 2 (1T12)

Course Description

The basic rules that govern the admissibility of evidence in civil and criminal trial proceedings. Primary focus on how the Arizona Rules of Evidence operate in practice, with some attention to areas in which the Federal Rules of Evidence differ from the Arizona Rules. Prerequisites: LAW 100.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

3

Lab Hours

Min:

0

Requisites

Simple Requisites

Type

Prerequisite

Complete ALL of the following Courses:

- LAW100 - Introduction to Paralegal Studies

LAW260 - Procedural Criminal Law

Overview

Course Prefix

LAW

Course Number

260

Course Title

Procedural Criminal Law

Degree Attributes

Tuition 2 (1T12)

Course Description

Procedural criminal law. Emphasis on rationale underlying major court holdings, the resulting procedural requirements, and the effect on the daily operations of the criminal justice system. This class is cross-listed with AJS 260.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

3

Lab Hours

Min:

0

LAW270 - Mediation and Negotiation

Overview

Course Prefix

LAW

Course Number

270

Course Title

Mediation and Negotiation

Degree Attributes

Tuition 2 (1T12)

Course Description

Mediation and negotiation is an integral part of client representation in the legal system. Negotiation occurs routinely between the parties in an attempt to come to a resolution; however, mediation involves a voluntary process where a neutral mediator assists the parties in discussion in an effort to resolve their differences. Prerequisites: LAW 221 (may be taken concurrently)

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

3

Lab Hours

Min:

0

Requisites

Simple Requisites

Type

Prerequisite

Complete ALL of the following Courses:

- LAW221 - Civil Procedure II

Prerequisite course may be taken concurrently with LAW270.

LAW275 - Bankruptcy

Overview

Course Prefix

LAW

Course Number

275

Course Title

Bankruptcy

Degree Attributes

Tuition 2 (1T12)

Course Description

Application of the legal process and procedures in bankruptcy, including jurisdiction, parties, investigation, interview, advising the client, and drafting documents related to the various bankruptcy options.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

3

Lab Hours

Min:

0

LAW290 - Constitutional Law: Civil Liberties and Civil Rights

Overview

Course Prefix

LAW

Course Number

290

Course Title

Constitutional Law: Civil Liberties and Civil Rights

Degree Attributes

Tuition 2 (1T12), Institutions in the Americas (IA)

Course Description

Introduction to the United States and Arizona Constitutions from the integrated social science perspectives of history, geography, and government. The United States Constitution, including the Bill of Rights and the Fourteenth Amendment. Includes the impact of U. S. Supreme Court opinions and Arizona Supreme Court opinions on the history and development of civil liberties and civil rights, particularly as they pertain to the administration of justice and law enforcement. This course is cross-listed with AJS 290.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

3

Lab Hours

Min:

0

LAW291 - Trial Advocacy

Overview

Course Prefix

LAW

Course Number

291

Course Title

Trial Advocacy

Degree Attributes

Tuition 2 (1T12)

Course Description

Fundamental skills in representing clients in court, both civil and criminal, such as direct and cross examination, introduction of exhibits, impeachment of witnesses, opening statements, and closing arguments. Experiential learning with simulated mock trials will be utilized. Prerequisite: Completion of, or enrollment in, the Paralegal Degree at Yavapai College, or from an equivalent, accredited institution; or, for those who hold a bachelor's degree, completion of, or enrollment in, the Legal Paraprofessional Certificate at Yavapai College, or an equivalent, accredited institution.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

3

Lab Hours

Min:

0

Requisites

Simple Requisites

Type

Prerequisite

Fulfill ANY of the following requirements:

Completion of, or enrollment in, the Paralegal Degree at Yavapai College, or from an equivalent, accredited institution; or, for those who hold a bachelor's degree, completion of, or enrollment in, the Legal Paraprofessional Certificate at Yavapai College, or an equivalent, accredited institution.

LAW296 - Internship: Paralegal Studies

Overview

Course Prefix

LAW

Course Number

296

Course Title

Internship: Paralegal Studies

Degree Attributes

Tuition 2 (1T12)

Course Description

Supervised field experience with businesses, corporations, government agencies, schools and community organizations to expand career interests and apply subject knowledge relevant to the workplace. Individualized internship placements to develop personal and professional skills, including professional ethics, leadership, and civic responsibility. Prerequisite: Student must have a GPA of 2.0; have completed specific degree requirements as required by the program; have completed the internship application process; and receive instructor approval. [Repeatable for a total of 6 credit hours towards degree/certificate requirements.] S/U grading only.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

0

Lab Hours

Min:

0

Requisites

Simple Requisites

Type

Prerequisite

Fulfill ALL of the following requirements:

Student must have a GPA of 2.0; have completed specific degree requirements as required by the program; have completed the internship application process; and receive instructor approval.

LAW298 - Special Legal Topics:

Overview

Course Prefix

LAW

Course Number

298

Course Title

Special Legal Topics:

Degree Attributes

Tuition 2 (1T12)

Course Description

Introduction to a special legal topic and the role of the paralegal in the critical issues and requirements of the legal specialty area.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

3

LAW299 - Independent Study Paralegal Studies

Overview

Course Prefix

LAW

Course Number

299

Course Title

Independent Study Paralegal Studies

Degree Attributes

Tuition 2 (1T12)

Course Description

Supervised special project in this field of study. Approval of supervising Division Dean is required.

Credit Hours

Credit Hours

Min:

1

Max:

6

Credit Hours**Operator:**

TO

Lecture Hours

Min:

0

Lab Hours

Min:

0

LDR111 - Leadership & Innovation

Overview

Course Prefix

LDR

Course Number

111

Course Title

Leadership & Innovation

Degree Attributes

Tuition 2 (1T12)

Course Description

Lead, motivate and inspire with leadership techniques to stimulate innovation.

Credit Hours

Credit Hours

Min:

1

Lecture Hours

Min:

1

Lab Hours

Min:

0

LDR112 - Leadership & Collaboration

Overview

Course Prefix

LDR

Course Number

112

Course Title

Leadership & Collaboration

Degree Attributes

Tuition 2 (1T12)

Course Description

Basic techniques to increase team collaboration and strategies on how leaders effectively prioritize their time.

Credit Hours

Credit Hours

Min:

1

Lecture Hours

Min:

1

Lab Hours

Min:

0

LDR113 - Leadership & Communication

Overview

Course Prefix

LDR

Course Number

113

Course Title

Leadership & Communication

Degree Attributes

Tuition 2 (1T12)

Course Description

Speaking skills and communication techniques for leaders.

Credit Hours

Credit Hours**Min:**

1

Lecture Hours**Min:**

1

Lab Hours**Min:**

0

LDR201 - Leadership Essentials

Overview

Course Prefix

LDR

Course Number

201

Course Title

Leadership Essentials

Degree Attributes

Tuition 2 (1T12)

Course Description

Leadership of organizations at any level, differences between management and leadership, and practical ways to overcome leadership challenges. Includes critical thinking and effective negotiation tools to motivate a team and apply emotional intelligence. Covers time management strategies to establish a healthy work-life balance.

Credit Hours

Credit Hours**Min:**

3

Lecture Hours**Min:**

3

Lab Hours**Min:**

0

LDR202 - Strategic Leadership

Overview

Course Prefix

LDR

Course Number

202

Course Title

Strategic Leadership

Degree Attributes

Tuition 2 (1T12)

Course Description

Leadership strategies utilizing effective communication tools, productive management teams, balancing resources, increase productivity and establishment of credibility.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

3

Lab Hours

Min:

0

LDR203 - Organizational Leadership

Overview

Course Prefix

LDR

Course Number

203

Course Title

Organizational Leadership

Degree Attributes

Tuition 2 (1T12)

Course Description

Leadership and organizational effectiveness with focus on functions of individuals, organizational design, human motivation and behavior patterns.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

3

Lab Hours

Min:

0

LDR299 - Independent Study Leadership

Overview

Course Prefix

LDR

Course Number

299

Course Title

Independent Study Leadership

Degree Attributes

Tuition 2 (1T12)

Course Description

Supervised special project in this field of study. Approval of supervising Division Dean is required.

Credit Hours

Credit Hours

Min:

1

Max:

6

Credit Hours

Operator:

TO

Lecture Hours

Min:

0

Lab Hours

Min:

0

LDR300 - Fundamentals of Leadership

Overview

Course Prefix

LDR

Course Number

300

Course Title

Fundamentals of Leadership

Degree Attributes

Tuition 5 (1T15)

Course Description

Foundational process of effective leadership. Topics include leadership theories, communication traits, the distinction between leadership and management, review and evaluation of great leaders, self-assessment of personal development, and exploration of fundamental research-based principles. Prerequisites: Program Admission. ACC 131, BSA 131, BSA 228, ECN 232, and ECN 236.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

3

Lab Hours

Min:

0

Requisites

Simple Requisites

<p>Type Prerequisite</p> <div style="border: 1px solid black; padding: 10px; margin: 10px 0;"> <p>Complete ALL of the following Courses:</p> <ul style="list-style-type: none"> • ACC131 - Principles of Accounting I • BSA131 - Introduction to Business • BSA228 - Professional Productivity Solutions • ECN232 - Business Statistical Analysis • ECN236 - Principles of Economics-Micro <p>Program Admission</p> </div>

LDR420 - Leadership and Change Management

Overview

Course Prefix

LDR

Course Number

420

Course Title

Leadership and Change Management

Degree Attributes

Tuition 5 (1T15)

Course Description

Examination of best practices in organizational leadership and change management, including strategic communication, personnel motivational factors, decision-making framework, and creating optimal organizational culture. Prerequisite: Program Admission. LDR 300.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

3

Lab Hours

Min:

0

Requisites

Simple Requisites

Type

Prerequisite

Complete ALL of the following Courses:

- LDR300 - Fundamentals of Leadership

Program Admission

LDR425 - Leadership Application and Development

Overview

Course Prefix

LDR

Course Number

425

Course Title

Leadership Application and Development

Degree Attributes

Tuition 5 (1T15)

Course Description

Application of leadership theories and intervention strategies to positively influence groups. Includes examination of researched/evidence-based theories of leadership and adopting a leadership style to lead effectively. Prerequisites: Program Admission. LDR 300.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

3

Lab Hours

Min:

0

Requisites

Simple Requisites

Type

Prerequisite

Complete ALL of the following Courses:

- LDR300 - Fundamentals of Leadership

Program Admission

LDR430 - Managing Talent and Developing Leaders

Overview

Course Prefix

LDR

Course Number

430

Course Title

Managing Talent and Developing Leaders

Degree Attributes

Tuition 5 (1T15)

Course Description

Introduction to managing the performance of individuals, teams, and the entire organization. Examination of major facets for creating a work environment that enables employees to thrive using talent management systems. Includes developing core competencies, designing and implementing performance management systems, identifying, assessing, and developing talent, delivering performance coaching for individuals and teams, and driving employee engagement and retention. Prerequisites: Program Admission. LDR 300.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

3

Lab Hours

Min:

0

Requisites

Simple Requisites

Type

Prerequisite

Complete ALL of the following Courses:

- LDR300 - Fundamentals of Leadership

Program Admission

LDR485 - Entrepreneurial Leadership

Overview

Course Prefix

LDR

Course Number

485

Course Title

Entrepreneurial Leadership

Degree Attributes

Tuition 5 (1T15)

Course Description

The relationship between entrepreneurship, value creation, and the entrepreneurial leader's role in driving innovation and growth. Entrepreneurial leadership factors needed for defining a visionary organizational culture by motivating individuals to achieve common objectives through innovation and creating value. Topics of study also include strategic management, risk optimization, navigating uncertainty, and capitalizing on opportunities. Prerequisites: Program Admission. ACC 131, BSA 131, BSA 228, ECN 232, ECN 236 and LDR 300.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

3

Lab Hours

Min:

0

Requisites

Simple Requisites

Type

Completion Requirement

Complete ALL of the following Courses:

- ACC131 - Principles of Accounting I
- BSA131 - Introduction to Business
- BSA228 - Professional Productivity Solutions
- ECN232 - Business Statistical Analysis
- ECN236 - Principles of Economics-Micro
- LDR300 - Fundamentals of Leadership

Program Admission

LPN101 - Fundamentals of Practical Nursing Care I

Overview

Course Prefix
LPN

Course Number
101

Course Title

Fundamentals of Practical Nursing Care I

Degree Attributes

Tuition 3 (1T13)

Course Description

Introduction to the fundamental concepts of practical nursing care for clients with selected alterations in physical, mental, and psychosocial health. Presents a holistic approach to client care using QSEN competencies, and /or related concepts such as caring, clinical judgement, nursing process, communication and documentation, safety, QI, culture and spirituality, psychosocial care, pain management, delegation, as well as teaching and learning for the adult client populations. Introduces the competencies of practical nursing knowledge to include client-centered care, informatics and technology, teamwork and collaboration, safety, quality improvement, and evidence-based practice. Prerequisites: Program Admission. Corequisites: LPN 105, LPN 110, and LPN 115.

Credit Hours

Credit Hours

Min:
4

Lecture Hours

Min:
4

Lab Hours

Min:
0

Requisites

Simple Requisites

Type

Prerequisite

Program Admission

Type

Corequisite

Enroll in the following Courses:

- LPN105 - Development of Practical Nursing
AND LPN110 - Application of Practical Nursing I
AND LPN115 - Pharmacology for Practical Nursing I

LPN105 - Development of Practical Nursing

Overview

Course Prefix
LPN

Course Number
105

Course Title

Development of Practical Nursing

Degree Attributes

Tuition 3 (1T13)

Course Description

Introduction to theoretical concepts that direct practical nursing skills and development of practical nursing practice. Uses the nursing process as a framework for care and implementation of appropriate nursing interventions for the adult, obstetric, newborn, and pediatric client in the laboratory setting. Integrates the competencies of practical nursing practice to include client centered care, professionalism, communication, teamwork, collaboration, safety, quality, informatics, and evidence-based practice. Basic practical nursing skills are developed. Prerequisites: Program admission. Corequisites: LPN 101, LPN 110, and LPN 115.

Credit Hours

Credit Hours

Min:
2

Lecture Hours

Min:
1

Lab Hours

Min:
3

Requisites

Simple Requisites

Type

Prerequisite

Program Admission

Type

Corequisite

Enroll in the following Courses:

- LPN101 - Fundamentals of Practical Nursing Care I
AND LPN110 - Application of Practical Nursing I
AND LPN115 - Pharmacology for Practical Nursing I

LPN110 - Application of Practical Nursing I

Overview

Course Prefix

LPN

Course Number

110

Course Title

Application of Practical Nursing I

Degree Attributes

Tuition 3 (1T13)

Course Description

Application of theoretical concepts of wellness and illness, integrating the nursing process and applying basic practical nursing skills in meeting the physical, mental, and psychosocial health care needs of diverse adult client populations in the long term and rehabilitation environment. Clinical practicum occurs in well-defined settings and integrates the competencies of practical nursing practice to include client centered care, professionalism, communication, teamwork, collaboration, safety, quality, informatics, and evidence-based practice. Clinical group pre-conference and post-conference discussions occur with application of theoretical concepts. Prerequisite: Program admission. Corequisites: LPN 101, LPN 105, and LPN 115.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

0

Lab Hours

Min:

6

Requisites

Simple Requisites

Type

Prerequisite

Program Admission

Type

Corequisite

Enroll in the following Courses:

- LPN101 - Fundamentals of Practical Nursing Care I
AND LPN105 - Development of Practical Nursing
AND LPN115 - Pharmacology for Practical Nursing I

LPN115 - Pharmacology for Practical Nursing I

Overview

Course Prefix

LPN

Course Number

115

Course Title

Pharmacology for Practical Nursing I

Degree Attributes

Tuition 3 (1T13)

Course Description

Introduction of principles of pharmacology as related to the nursing process to explore relationships occurring between anatomy, physiology, disease states, life stages, and medications. Introduction to national standards for safety in pharmacologic therapy. Integrates the competencies related to clients across the lifespan, professionalism, communication, teamwork, collaboration, safety, quality, informatics, and evidence-based practice. Prerequisites: Program Admission. Corequisites: LPN 101, LPN 105, and LPN 110.

Credit Hours

Credit Hours

Min:

2

Lecture Hours

Min:

2

Lab Hours

Min:

0

Requisites

Simple Requisites

Type

Prerequisite

Program Admission

Type

Corequisite

Enroll in the following Courses:

- LPN101 - Fundamentals of Practical Nursing Care I
AND LPN105 - Development of Practical Nursing
AND LPN110 - Application of Practical Nursing I

LPN190 - Practical Nursing Transition

Overview

Course Prefix

LPN

Course Number

190

Course Title

Practical Nursing Transition

Degree Attributes

Tuition 3 (1T13)

Course Description

Overview of the role of the practical nurse in the care of clients. Includes nursing standards and scope of practice of the practical nurse. Focus on the role of the practical nurse in providing care through interventions consistent with established nursing care plans. Prerequisites: NSG 151, NSG 152, NSG 153, NSG 154, NSG 155, and BIO 205.

Credit Hours

Credit Hours

Min:

1.5

Lecture Hours

Min:

1.5

Lab Hours

Min:

0

Requisites

Simple Requisites

Type

Prerequisite

Complete ALL of the following Courses:

- NSG151 - Nursing Theory II
AND NSG152 - Application of Nursing Theory II
AND NSG153 - Development of Nursing Practice II
AND NSG154 - Maternal/Child Nursing Theory
AND NSG155 - Pharmacology for Nursing II
AND BIO205 - Microbiology

LPN201 - Fundamentals of Practical Nursing Care II

Overview

Course Prefix

LPN

Course Number

201

Course Title

Fundamentals of Practical Nursing Care II

Degree Attributes

Tuition 3 (1T13)

Course Description

Concepts of practical nursing care for clients with commonly occurring alternations in their physical, mental, and psychosocial health, utilizing the nursing process to apply critical thinking skills, and previously learned concepts. Concepts related to the practical nurse's contributions to assessment, planning, and nursing diagnosis, with emphasis on implementation. Incorporation of a holistic approach to the physical, mental, and psychosocial health care needs of the adult, obstetric, newborn, and pediatric client, as well as teaching and learning for the obstetric, newborn and pediatric client populations. Integrates the competencies of nursing knowledge to include client-centered care, teamwork and collaboration, evidence-based practice, quality improvement, safety, and informatics. Prerequisites: LPN 101, LPN 105, LPN 110, and LPN 115. Corequisites: LPN 205, LPN 210, and LPN 215.

Credit Hours

Credit Hours

Min:

4

Lecture Hours

Min:

4

Lab Hours

Min:

0

Requisites

Simple Requisites

Type

Prerequisite

Complete ALL of the following Courses:

- LPN101 - Fundamentals of Practical Nursing Care I
AND LPN105 - Development of Practical Nursing
AND LPN110 - Application of Practical Nursing I
AND LPN115 - Pharmacology for Practical Nursing I

Type

Corequisite

Enroll in the following Courses:

- LPN205 - Advanced Development of Practical Nursing
AND LPN210 - Application of Practical Nursing II
AND LPN215 - Pharmacology for Practical Nursing II

LPN205 - Advanced Development of Practical Nursing

Overview

Course Prefix

LPN

Course Number

205

Course Title

Advanced Development of Practical Nursing

Degree Attributes

Tuition 3 (1T13)

Course Description

Continuation of theoretical concepts that direct practical nursing skills and the development of nursing practice. Uses the nursing process as a framework for care and implementation of appropriate nursing interventions in the laboratory setting. Integrates the competencies of nursing practice to include client centered care for the adult, obstetric, newborn, and pediatric client, professionalism, communication, teamwork, collaboration, safety, quality, informatics, and evidence-based practice. Intermediate to advanced practical nursing skills are developed. Prerequisites: LPN 101, LPN 105, LPN 110, and LPN 115. Corequisites: LPN 201, LPN 210, and LPN 215.

Credit Hours

Credit Hours

Min:

2

Lecture Hours

Min:

1

Lab Hours

Min:

3

Requisites

Simple Requisites

Type

Prerequisite

Complete ALL of the following Courses:

- LPN101 - Fundamentals of Practical Nursing Care I
AND LPN105 - Development of Practical Nursing
AND LPN110 - Application of Practical Nursing I
AND LPN115 - Pharmacology for Practical Nursing I

Type

Corequisite

Enroll in the following Courses:

- LPN201 - Fundamentals of Practical Nursing Care II

AND LPN210 - Application of Practical Nursing II
 AND LPN215 - Pharmacology for Practical Nursing II

LPN210 - Application of Practical Nursing II

Overview

Course Prefix	Course Number
LPN	210

Course Title
 Application of Practical Nursing II

Degree Attributes
 Tuition 3 (1T13)

Course Description
 Application of theoretical concepts of wellness and illness of previously learned clinical concepts. Integrate therapeutic interventions using the nursing process to adapt client centered care to meet the physical, mental, and psychosocial health care needs of diverse adult, obstetrical, newborn, and pediatric populations in the acute care and outpatient environments. Clinical practicum occurs in well-defined settings and integrates the competencies of nursing practice to include client centered care, professionalism, communication, teamwork, collaboration, safety, quality, informatics, and evidence-based practice. Prerequisites: LPN 101, LPN 105, LPN 110, and LPN 115. Corequisites: LPN 201, LPN 205, and LPN 215.

Credit Hours

Credit Hours

Min:
 3

Lecture Hours

Min:
 0

Lab Hours

Min:
 6

Requisites

Simple Requisites

Type
 Prerequisite

Complete ALL of the following Courses:

- LPN101 - Fundamentals of Practical Nursing Care I
 AND LPN105 - Development of Practical Nursing
 AND LPN110 - Application of Practical Nursing I
 AND LPN115 - Pharmacology for Practical Nursing I

Type
 Corequisite

Enroll in the following Courses:

- LPN201 - Fundamentals of Practical Nursing Care II

AND LPN205 - Advanced Development of Practical Nursing
 AND LPN215 - Pharmacology for Practical Nursing II

LPN215 - Pharmacology for Practical Nursing II

Overview

Course Prefix

LPN

Course Number

215

Course Title

Pharmacology for Practical Nursing II

Degree Attributes

Tuition 3 (1T13)

Course Description

Examination of principles of pharmacology, and the relationship occurring between anatomy, physiology, disease states, life stages and medications. Reinforces national standards for safety in pharmacologic therapy. Integrates the competencies related to client centered care, professionalism, communication, teamwork, collaboration, safety, quality, informatics, and evidence-based practice. Prerequisites: LPN 101, LPN 105, LPN 110, and LPN 115. Corequisites: LPN 201, LPN 205, and LPN 210.

Credit Hours

Credit Hours

Min:

2

Lecture Hours

Min:

2

Lab Hours

Min:

0

Requisites

Simple Requisites

Type

Prerequisite

Complete ALL of the following Courses:

- LPN101 - Fundamentals of Practical Nursing Care I
 AND LPN105 - Development of Practical Nursing
 AND LPN110 - Application of Practical Nursing I
 AND LPN115 - Pharmacology for Practical Nursing I

Type

Corequisite

Enroll in the following Courses:

- LPN201 - Fundamentals of Practical Nursing Care II
 AND LPN205 - Advanced Development of Practical Nursing
 AND LPN210 - Application of Practical Nursing II

MAT082 - Fundamentals of Mathematics

Overview

Course Prefix

MAT

Course Number

082

Course Title

Fundamentals of Mathematics

Course Description

Review of basic arithmetic skills, introduction to geometric shapes and formulae, ratio and proportion, percents, measurement, and signed numbers.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

3

Lab Hours

Min:

0

MAT092 - Beginning Algebra

Overview

Course Prefix

MAT

Course Number

092

Course Title

Beginning Algebra

Course Description

Solving linear equations and inequalities, graphs of linear equations, systems of linear equations and inequalities, exponents, basic operations on polynomials, an introduction to functions, and an introduction to mathematics technology. Prerequisite: MAT 082 or a satisfactory score on the mathematics skills assessment.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

3

Lab Hours

Min:

0

Requisites

Simple Requisites

Type

Prerequisite

Fulfill ANY of the following requirements:

MAT082 Fundamentals Mathematics or a satisfactory score on the mathematics skills assessment

MAT097 - Intermediate Algebra

Overview

Course Prefix

MAT

Course Number

097

Course Title

Intermediate Algebra

Course Description

Simplifying polynomial, rational and radical expressions; solving quadratic, rational and radical equations; introducing functions and their representations; applying mathematics in real-world contexts; and using appropriate technology. Prerequisite: MAT 092 or a satisfactory score on the mathematics skills assessment.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

3

Lab Hours

Min:

0

Requisites

Simple Requisites

Type

Prerequisite

Fulfill ANY of the following requirements:

[MAT092 Beginning Algebra](#) or a satisfactory score on the mathematics skills assessment

MAT100 - Technical Mathematics

Overview

Course Prefix

MAT

Course Number

100

Course Title

Technical Mathematics

Degree Attributes

Quantitative Lit (2021-99) (QLC), Quantitative Literacy (NUM)

Course Description

Review of arithmetic skills, proportions, percentages, exponents, algebraic equations of the first degree, basic geometry, and literal equations with applications designed for the student's own field of study. Prerequisite: MAT 082 or a satisfactory score on the mathematics skills assessment.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

3

Lab Hours

Min:

0

Requisites

Simple Requisites

Type

Prerequisite

Fulfill ANY of the following requirements:

[MAT082 Fundamentals Mathematics](#) or a satisfactory score on the mathematics skills assessment

MAT141 - College Mathematics with Review

Overview

Course Prefix

MAT

Course Number

141

Course Title

College Mathematics with Review

Degree Attributes

Quantitative Lit (2021-99) (QLC), Quantitative Literacy (NUM), SUN# MAT 1142 (Z056)

Course Description

Survey of mathematical topics and applications. Includes statistics, probability, exponential functions, finance, dimensional analysis and other selected discrete math topics with one hour per week of additional instruction provided by course instructor. Prerequisite: Satisfactory score on the mathematics skills assessment.

Credit Hours

Credit Hours

Min:

4

Lecture Hours

Min:

4

Lab Hours

Min:

0

Requisites

Simple Requisites

Type

Prerequisite

Satisfactory score on the mathematics skills assessment

MAT142 - College Mathematics

Overview

Course Prefix

MAT

Course Number

142

Course Title

College Mathematics

Degree Attributes

Quantitative Lit (2021-99) (QLC), Quantitative Reasoning (QR) (QR), SUN# MAT 1142 (Z056)

Course Description

Topics and applications in counting, probability, statistics, dimensional analysis, mathematical modeling, and consumer mathematics. Prerequisite: MAT 092 or a satisfactory score on the mathematics skills assessment.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

3

Lab Hours

Min:

0

Requisites

Simple Requisites

Type

Prerequisite

Fulfill ANY of the following requirements:

MAT092 Beginning Algebra or a satisfactory score on the mathematics skills assessment

MAT152 - College Algebra

Overview

Course Prefix

MAT

Course Number

152

Course Title

College Algebra

Degree Attributes

Quantitative Lit (2021-99) (QLC), Quantitative Reasoning (QR) (QR), SUN# MAT 1151 (Z030)

Course Description

Modeling of applications using linear, quadratic, exponential and logarithmic functions. Introduction to solving systems of equations using matrices. Duplicate credit for MAT 152 and MAT 182 (or MAT 187) will not be awarded. Prerequisite: MAT 097 or a satisfactory score on the mathematics skills assessment.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

3

Lab Hours

Min:

0

Requisites

Simple Requisites

Type

Prerequisite

Fulfill ANY of the following requirements:

MAT097 Intermediate Algebra or a satisfactory score on the mathematics skills assessment

MAT156 - Mathematics for Elementary Teachers I

Overview

Course Prefix

MAT

Course Number

156

Course Title

Mathematics for Elementary Teachers I

Course Description

Mathematical principles and processes specifically for elementary teachers. Includes problem solving, set theory, properties and operations with number systems. Note: Computer use required. Prerequisite: MAT 141, MAT 142, MAT 152 or satisfactory score on mathematics skills assessment.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

3

Lab Hours

Min:

0

Requisites

Simple Requisites

Type

Prerequisite

Complete ANY of the following Courses:

- MAT141 - College Mathematics with Review
OR MAT142 - College Mathematics
OR MAT152 - College Algebra

OR a satisfactory score on the mathematics skills assessment

MAT157 - Mathematics for Elementary Teachers II

Overview

Course Prefix

MAT

Course Number

157

Course Title

Mathematics for Elementary Teachers II

Course Description

Mathematical principles and processes specifically for elementary teachers. Includes geometry, measurement, statistics, and probability. Note: Computer use required. Prerequisite: MAT 141, MAT 142, MAT 152 or satisfactory score on mathematics skills assessment.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

3

Lab Hours

Min:

0

Requisites

Simple Requisites

Type

Prerequisite

Complete ANY of the following Courses:

- MAT141 - College Mathematics with Review
OR MAT142 - College Mathematics
OR MAT152 - College Algebra

OR a satisfactory score on the mathematics skills assessment

MAT167 - Elementary Statistics

Overview

Course Prefix

MAT

Course Number

167

Course Title

Elementary Statistics

Degree Attributes

Critical Thinking (2021-99) (CTC), Quantitative Lit (2021-99) (QLC), Quantitative Reasoning (QR) (QR), SUN# MAT 1160 (Z066)

Course Description

Statistical tools and techniques used in research and general applications. Description of sample data, probability and probability distributions, point and interval estimates of population parameters, hypothesis testing, and correlation and regression. Note: Statistics technology is required. Prerequisite: MAT 141, MAT 142, MAT 152, or satisfactory score on mathematics skills assessment.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

3

Lab Hours

Min:

0

Requisites

Simple Requisites

Type

Prerequisite

Complete ANY of the following Courses:

- MAT141 - College Mathematics with Review
OR MAT142 - College Mathematics
OR MAT152 - College Algebra

OR a satisfactory score on the mathematics skills assessment

MAT172 - Finite Mathematics

Overview

Course Prefix

MAT

Course Number

172

Course Title

Finite Mathematics

Course Description

Various analytical methods employed in business, social and life sciences with an emphasis on applications. Topics include linear programming, matrix operations, system of linear equations, applications of simple, compound and continuous interest, counting, probability and statistics. Prerequisite: MAT 152 or satisfactory score on mathematics skills assessment.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

3

Lab Hours

Min:

0

Requisites

Simple Requisites

Type

Prerequisite

Fulfill ANY of the following requirements:

MAT152 College Algebra or a satisfactory score on the mathematics skills assessment

MAT182 - Precalculus (Algebra)

Overview

Course Prefix

MAT

Course Number

182

Course Title

Precalculus (Algebra)

Degree Attributes

Quantitative Lit (2021-99) (QLC), Quantitative Reasoning (QR) (QR)

Course Description

Topics from college algebra essential to the study of calculus and analytic geometry. Includes the definition of and operations with functions, identifying characteristics of and graphing functions, and applications of functions. Types of functions include a review of linear functions and an in-depth examination of nonlinear functions (quadratic, polynomial and power, rational, exponential and logarithmic). Duplicate credit for MAT 182 with MAT 152 will not be awarded. Note: Computer use and/or graphing calculator required. Prerequisite: MAT 097 or a satisfactory score on the mathematics skills assessment.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

3

Lab Hours

Min:

0

Requisites

Simple Requisites

Type

Prerequisite

Fulfill ANY of the following requirements:

MAT097 Intermediate Algebra or a satisfactory score on the mathematics skills assessment

MAT183 - Precalculus (Trigonometry)

Overview

Course Prefix

MAT

Course Number

183

Course Title

Precalculus (Trigonometry)

Degree Attributes

Quantitative Reasoning (QR) (QR)

Course Description

Topics from trigonometry essential to the study of calculus and analytic geometry. Includes trigonometric functions, radian measure, right and oblique triangle solutions, trigonometric identities and equations, and inverse trigonometric functions. Note: Computer use and or graphing calculator required. Prerequisite: MAT 097 or satisfactory score on the mathematics skills assessment.

Credit Hours

Credit Hours

Min:

2

Lecture Hours

Min:

2

Lab Hours

Min:

0

Requisites

Simple Requisites

Type

Prerequisite

Fulfill ANY of the following requirements:

MAT097 Intermediate Algebra or a satisfactory score on the mathematics skills assessment

MAT212 - Topics in Calculus

Overview

Course Prefix

MAT

Course Number

212

Course Title

Topics in Calculus

Degree Attributes

Quantitative Lit (2021-99) (QLC), Quantitative Literacy (NUM), SUN# MAT 2212 (Z057)

Course Description

Introduction to the theory and techniques of differential and integral calculus of elementary functions with emphasis on applications in business and finance. Prerequisite: MAT 152 or satisfactory score on mathematics skills assessment.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

3

Lab Hours

Min:

0

Requisites

Simple Requisites

Type

Prerequisite

Fulfill ANY of the following requirements:

MAT152 College Algebra or a satisfactory score on the mathematics skills assessment

MAT220 - Calculus and Analytic Geometry I with Review

Overview

Course Prefix

MAT

Course Number

220

Course Title

Calculus and Analytic Geometry I with Review

Degree Attributes

Quantitative Lit (2021-99) (QLC), Quantitative Reasoning (QR) (QR), SUN# MAT 2220 (Z031)

Course Description

Introduction to calculus of single variable functions. Includes limits, the fundamental principles of differentiation and integration, techniques for finding derivatives of algebraic and trigonometric functions and applications of derivatives. Prerequisite: MAT 182 and MAT 183, or satisfactory score on mathematics skills assessment.

Credit Hours

Credit Hours

Min:

5

Lecture Hours

Min:

5

Lab Hours

Min:

0

Requisites

Simple Requisites

Type

Prerequisite

Complete ANY of the following Courses:

- MAT182 - Precalculus (Algebra)
AND MAT183 - Precalculus (Trigonometry)

OR a satisfactory score on the mathematics skills assessment

MAT221 - Calculus and Analytic Geometry I

Overview

Course Prefix

MAT

Course Number

221

Course Title

Calculus and Analytic Geometry I

Degree Attributes

Quantitative Reasoning (QR) (QR)

Course Description

Introduction to calculus of single variable functions. Includes limits, the fundamental principles of differentiation and integration, techniques for finding derivatives of algebraic and trigonometric functions and applications of derivatives. Prerequisites: MAT 182 and 183 or satisfactory score on the mathematics skills assessment.

Credit Hours

Credit Hours

Min:

4

Lecture Hours

Min:

4

Lab Hours

Min:

0

Requisites

Simple Requisites

Type

Prerequisite

Complete ANY of the following Courses:

- MAT182 - Precalculus (Algebra)
AND MAT183 - Precalculus (Trigonometry)

OR a satisfactory score on the mathematics skills assessment

MAT230 - Calculus and Analytic Geometry II

Overview

Course Prefix

MAT

Course Number

230

Course Title

Calculus and Analytic Geometry II

Degree Attributes

Quantitative Lit (2021-99) (QLC), Quantitative Reasoning (QR) (QR), SUN# MAT 2230 (Z032)

Course Description

Concepts, techniques and applications of integration, infinite series, and introduction to differential equations. Prerequisite: MAT 220 or MAT 221.

Credit Hours

Credit Hours

Min:

5

Lecture Hours

Min:

5

Lab Hours

Min:

0

Requisites

Simple Requisites

Type

Prerequisite

Complete ALL of the following Courses:

- MAT220 - Calculus and Analytic Geometry I with Review
OR MAT221 - Calculus and Analytic Geometry I

MAT241 - Calculus III

Overview

Course Prefix

MAT

Course Number

241

Course Title

Calculus III

Degree Attributes

Quantitative Lit (2021-99) (QLC), SUN# MAT 2241 (Z033)

Course Description

Multivariable calculus. Includes multiple integration, partial differentiation, optimization, vector calculus, line integrals, and parametric curves. Prerequisite: MAT 230

Credit Hours

Credit Hours

Min:

4

Lecture Hours

Min:

4

Lab Hours

Min:

0

Requisites

Simple Requisites

Type

Prerequisite

Complete ALL of the following Courses:

- MAT230 - Calculus and Analytic Geometry II

MAT262 - Elementary Differential Equations

Overview

Course Prefix

MAT

Course Number

262

Course Title

Elementary Differential Equations

Degree Attributes

Quantitative Lit (2021-99) (QLC), Quantitative Reasoning (QR) (QR), SUN# MAT 2262 (Z034)

Course Description

Introduction to ordinary differential equations. Includes first order linear equations, higher order linear equations, applications of first and second order equations, Laplace transforms, and systems of linear differential equations. Prerequisite: MAT 241

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

3

Lab Hours

Min:

0

Requisites

Simple Requisites

Type

Prerequisite

Complete ALL of the following Courses:

- MAT241 - Calculus III

MAT296 - Internship: Math

Overview

Course Prefix

MAT

Course Number

296

Course Title

Internship: Math

Course Description

Supervised field experience with businesses, corporations, government agencies, schools and community organizations to expand career interests and apply subject knowledge relevant to the workplace. Individualized internship placements to develop personal and professional skills, including professional ethics, leadership, and civic responsibility. Prerequisite: Student must have a GPA of 2.0; have completed specific degree requirements as required by the program; and have completed the internship application process. [Repeatable for a total of 6 credit hours towards degree/certificate requirements.] S/U grading only.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

0

Lab Hours

Min:

0

Requisites

Simple Requisites

Type

Prerequisite

Fulfill ALL of the following requirements:

Student must have a GPA of 2.0 ; have completed specific degree requirements as required by the program; and have completed the internship application process.

MAT299 - Independent Study Math

Overview

Course Prefix

MAT

Course Number

299

Course Title

Independent Study Math

Course Description

Supervised special project in this field of study. Approval of supervising Division Dean is required.

Credit Hours

Credit Hours

Min:

1

Max:

6

Credit Hours

Operator:

TO

Lecture Hours

Min:

0

Lab Hours

Min:

0

MET110 - Manufacturing Technology

Overview

Course Prefix

MET

Course Number

110

Course Title

Manufacturing Technology

Degree Attributes

Tuition 2 (1T12)

Course Description

Introduction to machine shop techniques including familiarization with machining, welding, sheet metal forming and assembling.

Credit Hours

Credit Hours

Min:

2

Lecture Hours

Min:

1

Lab Hours

Min:

3

MET116 - Rigging

Overview

Course Prefix

MET

Course Number

116

Course Title

Rigging

Degree Attributes

Tuition 2 (1T12)

Course Description

Basic rigging techniques, hitch configurations, safe loading practices, load inspection, and American National Standards Institute (ANSI) approved hand signals. Use of slings and common rigging hardware.

Credit Hours

Credit Hours

Min:

1

Lecture Hours

Min:

1

Lab Hours

Min:

0

MET150 - Surface Mine Safety Training

Overview

Course Prefix

MET

Course Number

150

Course Title

Surface Mine Safety Training

Degree Attributes

Tuition 2 (1T12)

Course Description

U. S. Mine Safety and Health Administration requirements for new miner training for individuals, contractors, and mine employees.

Credit Hours

Credit Hours

Min:

1

Lecture Hours

Min:

1

Lab Hours

Min:

0

MET198 - Manufacturing Topics:

Overview

Course Prefix

MET

Course Number

198

Course Title

Manufacturing Topics:

Degree Attributes

Tuition 2 (1T12)

Course Description

Exploration of manufacturing topics outside of our standard curriculum.

Credit Hours

Credit Hours**Min:**

1

Max:

3

Credit Hours**Operator:**

TO

Lecture Hours**Min:**

0

Lab Hours**Min:**

0

MET200 - SolidWorks for Non-Engineers

Overview

Course Prefix

MET

Course Number

200

Course Title

SolidWorks for Non-Engineers

Degree Attributes

Tuition 2 (1T12)

Course Description

Fundamentals of graphical user interfaces for computer-aided drawing, including sketching, computer-aided drafting, and parameter-based modeling. Designed for non-engineering majors.

Credit Hours

Credit Hours**Min:**

3

Lecture Hours**Min:**

2

Lab Hours**Min:**

2

MET250 - Projects in Manufacturing Technology

Overview

Course Prefix

MET

Course Number

250

Course Title

Projects in Manufacturing Technology

Degree Attributes

Tuition 2 (1T12)

Course Description

Manufacturing technology principles and techniques including primary and secondary processes, rapid prototyping, quality control principles and optimization manufacturing techniques. Prerequisites: CNC 102 or CNC 201 or MET 200 or EGR 180 or EGR 102 or instructor permission.

Credit Hours

Credit Hours

Min:

4

Lecture Hours

Min:

3

Lab Hours

Min:

3

Requisites

Simple Requisites

Type

Prerequisite

Complete ANY of the following Courses:

- CNC102 - CNC Machine Setup
OR CNC201 - Computer Aided Programming for CNC
OR EGR102 - Introduction to Engineering
OR EGR180 - CAD (Computer-Aided Drawing) with SolidWorks
OR MET200 - SolidWorks for Non-Engineers

OR instructor permission.

Prerequisite courses may be taken concurrently with MET250.

MET296 - Internship: Manufacturing Engineering Technology

Overview

Course Prefix

MET

Course Number

296

Course Title

Internship: Manufacturing Engineering Technology

Degree Attributes

Tuition 2 (1T12)

Course Description

Supervised field experience with businesses, corporations, government agencies, schools and community organizations to expand career interests and apply subject knowledge relevant to the workplace. Individualized internship placements to develop personal and professional skills, including professional ethics, leadership, and civic responsibility. Prerequisite: Student must have a GPA of 2.0; have completed specific degree requirements as required by the program; and have completed the internship application process. [Repeatable for a total of 6 credit hours towards degree/certificate requirements.] S/U grading only.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

0

Lab Hours

Min:

0

Requisites

Simple Requisites

Type

Prerequisite

Fulfill ALL of the following requirements:

Student must have a GPA of 2.0 ; have completed specific degree requirements as required by the program; and have completed the internship application process.

MET299 - Independent Study Industrial Technology/Manufacturing

Overview

Course Prefix
MET

Course Number
299

Course Title

Independent Study Industrial Technology/Manufacturing

Degree Attributes

Tuition 2 (IT12)

Course Description

Supervised special project in this field of study. Approval of supervising Division Dean is required.

Credit Hours

Credit Hours

Min:
1

Max:
6

Credit Hours Operator:
TO

Lecture Hours

Min:
0

Lab Hours

Min:
0

MGT120 - Supervision Techniques

Overview

Course Prefix
MGT

Course Number
120

Course Title

Supervision Techniques

Degree Attributes

Tuition 2 (IT12)

Course Description

Supervisory techniques and skill building. Includes decision making, problem solving, motivational leadership, human resource management processes, conflict resolution, change management and team-building.

Credit Hours

Credit Hours

Min:
3

Lecture Hours

Min:
3

Lab Hours

Min:
0

MGT132 - Ethics in Business

Overview

Course Prefix

MGT

Course Number

132

Course Title

Ethics in Business

Degree Attributes

Tuition 2 (1T12)

Course Description

Techniques to analyze and resolve modern business ethics issues: legal issues, corporate social responsibility, worker's rights and responsibilities, technological issues, information and advertising.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

3

Lab Hours

Min:

0

MGT140 - Organizational Behavior

Overview

Course Prefix

MGT

Course Number

140

Course Title

Organizational Behavior

Degree Attributes

Tuition 2 (1T12)

Course Description

Study of basic business behavior patterns. Human aspects of business, as distinguished from economic and technical aspects, and how they influence efficiency, morale, and management practice.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

3

Lab Hours

Min:

0

MGT183 - Managing Business Finances

Overview

Course Prefix

MGT

Course Number

183

Course Title

Managing Business Finances

Degree Attributes

Tuition 2 (1T12)

Course Description

Creating and maintaining budgets for a successful business venture. Emphasis on financial planning to guide, track performance and provide data to monitor and adjust business objectives. Includes the development and interpretation of financial statement information to assist in making better financial decisions for positive business operations.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

3

Lab Hours

Min:

0

MGT188 - Competitor Differentiation

Overview

Course Prefix

MGT

Course Number

188

Course Title

Competitor Differentiation

Degree Attributes

Tuition 2 (1T12)

Course Description

Skills for entrepreneurs to promote their businesses on social media, and to analyze data for continual optimization of competitor differentiation.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

3

Lab Hours

Min:

0

MGT220 - Principles of Management

Overview

Course Prefix

MGT

Course Number

220

Course Title

Principles of Management

Degree Attributes

Tuition 2 (1T12)

Course Description

Principles of management that have general applicability to all types of enterprise; basic management philosophy and decision making; principles involved in planning, directing and controlling. Contemporary concepts in management.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

3

Lab Hours

Min:

0

MGT223 - Human Resource Management

Overview

Course Prefix

MGT

Course Number

223

Course Title

Human Resource Management

Degree Attributes

Tuition 2 (1T12)

Course Description

Human resource theory and practice, planning, recruitment, placement, employee development, evaluation, benefits and services, health and safety, and employee relations.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

3

Lab Hours

Min:

0

MGT229 - Strategic Management

Overview

Course Prefix

MGT

Course Number

229

Course Title

Strategic Management

Degree Attributes

Tuition 2 (1T12)

Course Description

Examination of how the business organization constructs, organizes, extends, maintains, and renews its competitive advantage in the marketplace.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

3

Lab Hours

Min:

0

MGT233 - Business Communication

Overview

Course Prefix

MGT

Course Number

233

Course Title

Business Communication

Degree Attributes

Applied Communication/Comm. (AC), Tuition 2 (1T12), Written Comm (2021-99) (WCC)

Course Description

Communication theory, writing for the workplace, business letters and reports, electronic communication, professional presentations and communicating for employment.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

3

Lab Hours

Min:

0

MGT281 - High Performance Management

Overview

Course Prefix

MGT

Course Number

281

Course Title

High Performance Management

Degree Attributes

Tuition 2 (1T12)

Course Description

Attainment of continuous support in hiring the right people, motivating others, establishing expectations, and building relationships with direct reports. Skills to effectively enhance the management of employee performance for successful business achievement.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

3

Lab Hours

Min:

0

MGT283 - Operations Management

Overview

Course Prefix

MGT

Course Number

283

Course Title

Operations Management

Degree Attributes

Tuition 2 (1T12)

Course Description

Strategies and processes for efficient operational and administrative functions. Skills for business operations to manage vendors, customers, and employees for sustained growth.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

3

Lab Hours

Min:

0

MGT285 - Growing your Business

Overview

Course Prefix

MGT

Course Number

285

Course Title

Growing your Business

Degree Attributes

Tuition 2 (1T12)

Course Description

Skills to develop a growth strategy that mitigates challenges and optimizes opportunities. Proven business theories and strategic tools used to integrate marketing with other key business functions.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

3

Lab Hours

Min:

0

MGT288 - Business Plan Development

Overview

Course Prefix

MGT

Course Number

288

Course Title

Business Plan Development

Degree Attributes

Tuition 2 (1T12)

Course Description

Guidelines of form and content of a complete and fully developed business plan ready to solicit financing or venture capital. Includes the purpose of a good plan, and how to use it to help capitalize on business opportunities and successfully mitigate challenges. Prerequisites: MGT183 and MGT188 and MGT280 and MGT281 and MGT283 and MGT285.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

3

Lab Hours

Min:

0

Requisites

Simple Requisites

Type

Prerequisite

Complete ALL of the following Courses:

- MGT183 - Managing Business Finances
AND MGT188 - Competitor Differentiation
AND MGT281 - High Performance Management
AND MGT283 - Operations Management
AND MGT285 - Growing your Business
AND MKT280 - Marketing Tactics and Techniques

MGT299 - Independent Study Management

Overview

Course Prefix

MGT

Course Number

299

Course Title

Independent Study Management

Degree Attributes

Tuition 2 (1T12)

Course Description

Supervised special project in this field of study. Approval of supervising Division Dean is required.

Credit Hours

Credit Hours

Min:

1

Max:

6

Credit Hours Operator:

TO

Lecture Hours

Min:

0

Lab Hours

Min:

0

MGT320 - Business Process Improvement

Overview

Course Prefix

MGT

Course Number

320

Course Title

Business Process Improvement

Degree Attributes

Tuition 5 (1T15)

Course Description

Introduction to concepts and approaches for improving business operation processes, providing an examination of a variety of frameworks for assessing performance as well as identifying and prioritizing improvement opportunities. Investigation of project management techniques and tools while emphasizing organizational considerations in implementation and management of workflows. Prerequisites: Program Admission. ACC 131, BSA 131, BSA 228, ECN 232, and ECN 236.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

3

Lab Hours

Min:

0

Requisites

Simple Requisites

<p>Type Prerequisite</p> <p>Complete ALL of the following Courses:</p> <ul style="list-style-type: none"> ACC131 - Principles of Accounting I AND BSA131 - Introduction to Business AND BSA228 - Professional Productivity Solutions AND ECN232 - Business Statistical Analysis AND ECN236 - Principles of Economics-Micro <p>Program Admission.</p>

MGT325 - Supportive and Collaborative Management

Overview

Course Prefix
MGT

Course Number
325

Course Title

Supportive and Collaborative Management

Degree Attributes

Tuition 5 (1T15)

Course Description

Essential skills practiced by business managers to harness different viewpoints to create a productive and engaging organizational culture. Focus is given to current challenges and best practices in creating, supporting, and cultivating a supportive and collaborative workplace. Program Admission. ACC 131, BSA 131, BSA 228, ECN 232, and ECN 236.

Credit Hours

Credit Hours

Min:
3

Lecture Hours

Min:
3

Lab Hours

Min:
0

Requisites

Simple Requisites

Type

Prerequisite

Complete ALL of the following Courses:

- ACC131 - Principles of Accounting I
AND BSA131 - Introduction to Business
AND BSA228 - Professional Productivity Solutions
AND ECN232 - Business Statistical Analysis
AND ECN236 - Principles of Economics-Micro

Program Admission.

MGT380 - Introduction to Entrepreneurship

Overview

Course Prefix
MGT

Course Number
380

Course Title

Introduction to Entrepreneurship

Degree Attributes

Tuition 5 (1T15)

Course Description

Entrepreneurship fundamentals ranging from thinking through ideas, planning a business, managing a business, and considerations for growing a small business into an enterprise. Special emphasis will be given to new opportunity discovery and business plan drafting. Prerequisites: Program Admission. ACC 131, BSA 131, BSA 228, ECN 232, and ECN 236.

Credit Hours

Credit Hours

Min:
3

Lecture Hours

Min:
3

Lab Hours

Min:
0

Requisites

Simple Requisites

Type

Prerequisite

Complete ALL of the following Courses:

- ACC131 - Principles of Accounting I
AND BSA131 - Introduction to Business
AND BSA228 - Professional Productivity Solutions
AND ECN232 - Business Statistical Analysis
AND ECN236 - Principles of Economics-Micro

Program Admission.

MGT385 - Customer Relations and Service Management

Overview

Course Prefix
MGT

Course Number
385

Course Title

Customer Relations and Service Management

Degree Attributes

Tuition 5 (1T15)

Course Description

An in-depth study of the methods and techniques employed by various industries to accomplish effective and efficient customer service operations. Includes the business facets of human resource management and customer relationship management within any business environment. Prerequisites: Program Admission, ACC 131, BSA 131, BSA 228, ECN 232, and ECN 236.

Credit Hours

Credit Hours

Min:
3

Lecture Hours

Min:
3

Lab Hours

Min:
0

Requisites

Simple Requisites

Type

Prerequisite

Complete ALL of the following Courses:

- ACC131 - Principles of Accounting I
AND BSA131 - Introduction to Business
AND BSA228 - Professional Productivity Solutions
AND ECN232 - Business Statistical Analysis
AND ECN236 - Principles of Economics-Micro

Program Admission.

MKT231 - Social Media Marketing

Overview

Course Prefix
MKT

Course Number
231

Course Title

Social Media Marketing

Degree Attributes

Tuition 2 (1T12)

Course Description

Theory and practice in the use of social media in online marketing. Includes history of social media, preparation for social media marketing, and ways to engage with social media. Reviews platforms and marketing tools used to create social media campaigns.

Credit Hours

Credit Hours

Min:
3

Lecture Hours

Min:
3

Lab Hours

Min:
0

MKT240 - Principles of Marketing

Overview

Course Prefix

MKT

Course Number

240

Course Title

Principles of Marketing

Degree Attributes

Tuition 2 (1T12)

Course Description

Examines the business function of Marketing. Focus is on how marketers deliver value in satisfying customer needs and wants, determining which target markets the organization can best serve, and deciding upon appropriate products, services, and programs to serve these markets.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

3

Lab Hours

Min:

0

MKT280 - Marketing Tactics and Techniques

Overview

Course Prefix

MKT

Course Number

280

Course Title

Marketing Tactics and Techniques

Degree Attributes

Tuition 2 (1T12)

Course Description

Marketing tactics and techniques entrepreneurs need to successfully market their product or service. Includes relationship marketing pivotal for a customer-driven marketing strategy that will lead to a strong brand and business growth.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

3

Lab Hours

Min:

0

MKT310 - Digital Marketing Landscape

Overview

Course Prefix

MKT

Course Number

310

Course Title

Digital Marketing Landscape

Degree Attributes

Tuition 5 (1T15)

Course Description

Comprehensive overview of the expansive digital marketing landscape. Includes market trends, advertising strategies, and data analytics and provides a strong foundation in social media, SEO, and content marketing. Prerequisites: Program Admission. ACC 131, BSA 131, BSA 228, ECN 232, and ECN 236.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

3

Lab Hours

Min:

0

Requisites

Simple Requisites

Type

Prerequisite

Complete ALL of the following Courses:

- ACC131 - Principles of Accounting I
AND BSA131 - Introduction to Business
AND BSA228 - Professional Productivity Solutions
AND ECN232 - Business Statistical Analysis
AND ECN236 - Principles of Economics-Micro

Program Admission.

MKT320 - Digital Audience Strategy

Overview

Course Prefix

MKT

Course Number

320

Course Title

Digital Audience Strategy

Degree Attributes

Tuition 5 (1T15)

Course Description

Key elements of driving audience growth and engagement, including how to measure and analyze customer interaction, how to use those measurement skills and develop strategies and tactics to grow through search, social and content creation. Also, how to develop lasting connections with the target audience. Prerequisites: Program Admission. ACC 131, BSA 131, BSA 228, ECN 232, and ECN 236.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

3

Lab Hours

Min:

0

Requisites

Simple Requisites

Type

Prerequisite

Complete ALL of the following Courses:

- ACC131 - Principles of Accounting I
AND BSA131 - Introduction to Business
AND BSA228 - Professional Productivity Solutions
AND ECN232 - Business Statistical Analysis
AND ECN236 - Principles of Economics-Micro

Program Admission.

MKT340 - Marketing Management

Overview

Course Prefix

MKT

Course Number

340

Course Title

Marketing Management

Degree Attributes

Tuition 5 (1T15)

Course Description

Examination of the language and issues of marketing with an emphasis on learning to develop a marketing plan and develop responsive marketing strategies to meet customer needs. Other topics of study will focus on the external environment, marketing research, international/global marketing with relevance to cultural diversity, ethics, the impact of technology on marketing, and careers in marketing. Prerequisites: Program Admission. ACC 131, BSA 131, BSA 228, ECN 232, ECN 236, and MKT 240.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

3

Lab Hours

Min:

0

Requisites

Simple Requisites

Type

Completion Requirement

Complete ALL of the following Courses:

- ACC131 - Principles of Accounting I
AND BSA131 - Introduction to Business
AND BSA228 - Professional Productivity Solutions
AND ECN232 - Business Statistical Analysis
AND ECN236 - Principles of Economics-Micro
AND MKT240 - Principles of Marketing

Program Admission.

MKT410 - Brand Strategy: Tactics & Digital Tools

Overview

Course Prefix

MKT

Course Number

410

Course Title

Brand Strategy: Tactics & Digital Tools

Degree Attributes

Tuition 5 (1T15)

Course Description

Brand strategy for cultivating enduring customer relationships and fostering competitiveness in evolving digital markets. Tools and tactics to create persuasive content, utilize data for media design, and strategize with paid and owned digital media. Skills in strategic storytelling, content calendars, and social media strategy for a comprehensive understanding of digital branding. Prerequisites: Program Admission. ACC 131, BSA 131, BSA 228, ECN 232, and ECN 236.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

2

Lab Hours

Min:

3

Requisites

Simple Requisites

Type

Prerequisite

Complete ALL of the following Courses:

- ACC131 - Principles of Accounting I
AND BSA131 - Introduction to Business
AND BSA228 - Professional Productivity Solutions
AND ECN232 - Business Statistical Analysis
AND ECN236 - Principles of Economics-Micro

Program Admission.

MKT420 - Neuromarketing and Social Media Management

Overview

Course Prefix
MKT

Course Number
420

Course Title

Neuromarketing and Social Media Management

Degree Attributes

Tuition 5 (1T15)

Course Description

Effective social media management campaigns that deeply connect with the audience and evoke consumer feelings. Role of neuromarketing in measuring consumer physiological and neural signals, and consumer motivations, preferences, and decisions. Role of emotional and artificial intelligence in shaping social media campaigns. Prerequisites: Program Admission. ACC 131, BSA 131, BSA 228, ECN 232, and ECN 236.

Credit Hours

Credit Hours

Min:
3

Lecture Hours

Min:
3

Lab Hours

Min:
0

Requisites

Simple Requisites

Type

Prerequisite

Complete ALL of the following Courses:

- ACC131 - Principles of Accounting I
AND BSA131 - Introduction to Business
AND BSA228 - Professional Productivity Solutions
AND ECN232 - Business Statistical Analysis
AND ECN236 - Principles of Economics-Micro

Program Admission.

MKT430 - Digital Marketing Data and Analytics

Overview

Course Prefix
MKT

Course Number
430

Course Title

Digital Marketing Data and Analytics

Degree Attributes

Tuition 5 (1T15)

Course Description

Data-driven decision-making as a cornerstone for successful digital marketing. Collection, analysis, and interpretation of data to measure the effectiveness of marketing campaigns and the formulation of data-driven recommendations for improvement. Prerequisites: Program Admission. ACC 131, BSA 131, BSA 228, ECN 232, and ECN 236.

Credit Hours

Credit Hours

Min:
3

Lecture Hours

Min:
3

Lab Hours

Min:
0

Requisites

Simple Requisites

Type

Prerequisite

Complete ALL of the following Courses:

- ACC131 - Principles of Accounting I
AND BSA131 - Introduction to Business
AND BSA228 - Professional Productivity Solutions
AND ECN232 - Business Statistical Analysis
AND ECN236 - Principles of Economics-Micro

Program Admission.

MKT480 - Strategic Digital Marketing

Overview

Course Prefix

MKT

Course Number

480

Course Title

Strategic Digital Marketing

Degree Attributes

Tuition 5 (1T15)

Course Description

Key elements of a successful digital marketing strategy, including how business objectives drive marketing objectives, how customer-based insights support the development of market-led strategies, and components of an integrated digital marketing strategy. Also includes how to obtain, convert and retain customers for business growth, and the interpretation of data to solve problems and adjust strategy. Prerequisites: Program Admission. ACC 131, BSA 131, BSA 228, ECN 232, and ECN 236.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

3

Lab Hours

Min:

0

Requisites

Simple Requisites

Type

Prerequisite

Complete ALL of the following Courses:

- ACC131 - Principles of Accounting I
AND BSA131 - Introduction to Business
AND BSA228 - Professional Productivity Solutions
AND ECN232 - Business Statistical Analysis
AND ECN236 - Principles of Economics-Micro

Program Admission.

MKT490 - Entrepreneurial Marketing

Overview

Course Prefix

MKT

Course Number

490

Course Title

Entrepreneurial Marketing

Degree Attributes

Tuition 5 (1T15)

Course Description

Application of marketing methods and techniques for entrepreneurs to create sales growth and profitability for their business. Includes developing strategies for targeting customers, using market research to make valid decisions, promotion and pricing strategies to promote market share, and continued market plan analysis to grow a business. Prerequisites: Program Admission. ACC 131, BSA 131, BSA 228, ECN 232, and ECN 236.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

3

Lab Hours

Min:

0

Requisites

Simple Requisites

Type

Prerequisite

Complete ALL of the following Courses:

- ACC131 - Principles of Accounting I
AND BSA131 - Introduction to Business
AND BSA228 - Professional Productivity Solutions
AND ECN232 - Business Statistical Analysis
AND ECN236 - Principles of Economics-Micro

Program Admission.

MSL101 - Basic Military Science I

Overview

Course Prefix

MSL

Course Number

101

Course Title

Basic Military Science I

Degree Attributes

Tuition 2 (1T12)

Course Description

A study of the defense establishment and the organization and development of the U.S. Army. A study of the roles that active Army forces, Army Reserve forces, and the Army National Guard play in our nation's defense. A Study of military courtesy, customs, and traditions of the service. A historical perspective of the role of the different branches of the U.S. Army and the role they have played in the freedom of our nation. An introduction to physical readiness training. Course includes lectures and laboratory. Field training exercises normally include M16-A1 rifle firing, rappelling training, and airmobile helicopter operations. Corequisite: MSL 101L

Credit Hours

Credit Hours

Min:

1

Lecture Hours

Min:

1

Lab Hours

Min:

0

Requisites

Simple Requisites

Untitled Requirement

Type

Corequisite

Complete ALL of the following Courses:

- MSL101L - Basic Military Science I Laboratory

MSL101L - Basic Military Science I Laboratory

Overview

Course Prefix

MSL

Course Number

101L

Course Title

Basic Military Science I Laboratory

Degree Attributes

Tuition 2 (1T12)

Course Description

Leadership laboratory with emphasis on military leadership and small unit tactics. Students develop leadership abilities through hands-on practical experiences. Training is introductory in scope and includes operations and tactics and land navigation subjects. Practical training exercises familiarize students with the field environment and field survival skills. The Army Physical Fitness Test (APFT) is administered to assess the state of physical development. Corequisite: MSL 101

Credit Hours

Credit Hours

Min:

1

Lecture Hours

Min:

0

Lab Hours

Min:

2

Requisites

Simple Requisites

Untitled Requirement

Type

Corequisite

Complete ALL of the following Courses:

- MSL101 - Basic Military Science I

MSL102 - Basic Military Science II

Overview

Course Prefix

MSL

Course Number

102

Course Title

Basic Military Science II

Degree Attributes

Tuition 2 (1T12)

Course Description

Continued emphasis on physical readiness training. Course includes lecture and laboratory. Field training exercises normally include M16-A1 rifle firing, rappelling training, and airmobile helicopter operations. Corequisite: MSL 102L

Credit Hours

Credit Hours

Min:

1

Lecture Hours

Min:

1

Lab Hours

Min:

0

Requisites

Simple Requisites

Untitled Requirement

Type

Corequisite

Complete ALL of the following Courses:

- MSL102L - Basic Military Science II Laboratory

MSL102L - Basic Military Science II Laboratory

Overview

Course Prefix

MSL

Course Number

102L

Course Title

Basic Military Science II Laboratory

Degree Attributes

Tuition 2 (1T12)

Course Description

Leadership laboratory with emphasis on military leadership and small unit tactics. Students develop leadership abilities through hands-on practical experiences. Training continues the leader development process while remaining introductory in scope and develops basic operations and tactics and land navigation skills. Practical training exercises continue cadet field orientation with the focus on individual training. Special topics, including stream-crossing techniques, field survival skills, and bivouac techniques, are covered. The Army Physical fitness Test (APFT) is administered to assess the state of physical development. Corequisite: MSL 102

Credit Hours

Credit Hours

Min:

1

Lecture Hours

Min:

0

Lab Hours

Min:

2

Requisites

Simple Requisites

Untitled Requirement

Type

Corequisite

Complete ALL of the following Courses:

- MSL102 - Basic Military Science II

MTC105 - Introduction to Motorcycle and UTV Technology

Overview

Course Prefix

MTC

Course Number

105

Course Title

Introduction to Motorcycle and UTV Technology

Degree Attributes

Tuition 2 (1T12)

Course Description

Basic theory and fundamentals of motorcycle and UTV maintenance and minor repair. Includes two- and four-stroke theory, brakes, frames, drive trains, electrical, suspension, fuel systems, and wheels.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

2

Lab Hours

Min:

3

MTC215 - Motorcycle and UTV Service Procedures

Overview

Course Prefix

MTC

Course Number

215

Course Title

Motorcycle and UTV Service Procedures

Degree Attributes

Tuition 2 (1T12)

Course Description

Common fundamental repairs most often needed in motorcycles and UTVs.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

1

Lab Hours

Min:

4

MTC299 - Independent Study Motorcycle Technology

Overview

Course Prefix
MTC

Course Number
299

Course Title
Independent Study Motorcycle Technology

Degree Attributes
Tuition 2 (1T12)

Course Description
Supervised special project in this field of study. Approval of supervising Division Dean is required.

Credit Hours

Credit Hours

Min:
1

Max:
6

Credit Hours Operator:
TO

Lecture Hours

Min:
0

Lab Hours

Min:
0

MUS101 - Private Music

Overview

Course Prefix
MUS

Course Number
101

Course Title
Private Music

Degree Attributes
Tuition 2 (1T12)

Course Description

Individual, self-paced instruction in piano, organ, voice, guitar, band or orchestra instruments. Open to all students in the college.

Credit Hours

Credit Hours

Min:
1

Lecture Hours

Min:
0

Lab Hours

Min:
0

MUS103 - Piano Class I

Overview

Course Prefix

MUS

Course Number

103

Course Title

Piano Class I

Degree Attributes

Tuition 2 (1T12)

Course Description

A skill-building piano lab with an emphasis on piano playing and music reading.

Credit Hours

Credit Hours

Min:

1

Lecture Hours

Min:

0

Lab Hours

Min:

3

MUS104 - Piano Class II

Overview

Course Prefix

MUS

Course Number

104

Course Title

Piano Class II

Degree Attributes

Tuition 2 (1T12)

Course Description

Skill-building piano lab for students with limited piano experience. Emphasis on piano playing, music reading, and music theory. Prerequisite: MUS 103.

Credit Hours

Credit Hours

Min:

1

Lecture Hours

Min:

0

Lab Hours

Min:

3

Requisites**Simple Requisites****Type**

Completion Requirement

Complete ALL of the following Courses:

- MUS103 - Piano Class I

MUS105 - Voice Class I

Overview

Course Prefix

MUS

Course Number

105

Course Title

Voice Class I

Degree Attributes

Tuition 2 (1T12)

Course Description

Fundamentals of singing. Includes breath support and articulation while singing and introductory-level music reading.

Credit Hours

Credit Hours

Min:

1

Lecture Hours

Min:

0

Lab Hours

Min:

3

MUS106 - Voice Class II

Overview

Course Prefix

MUS

Course Number

106

Course Title

Voice Class II

Degree Attributes

Tuition 2 (1T12)

Course Description

Intermediate voice class designed to advance individual singing skills by study and training in singing technique, musicianship, diction, performance and in repertoire. Prerequisite: MUS 105.

Credit Hours

Credit Hours

Min:

1

Lecture Hours

Min:

0

Lab Hours

Min:

3

Requisites**Simple Requisites****Type**

Prerequisite

Complete ALL of the following Courses:

- MUS105 - Voice Class I

MUS110 - Concert Band

Overview

Course Prefix

MUS

Course Number

110

Course Title

Concert Band

Degree Attributes

Tuition 2 (1T12)

Course Description

Instruction and performance of concert band literature in a group setting. [Repeatable for a total of 4 credit hours towards degree/certificate requirements.].

Credit Hours

Credit Hours

Min:

1

Lecture Hours

Min:

0

Lab Hours

Min:

3

MUS111 - Symphonic Band

Overview

Course Prefix

MUS

Course Number

111

Course Title

Symphonic Band

Degree Attributes

Tuition 2 (1T12)

Course Description

Open to all students in the College. Attendance at all rehearsals and participation in all public performances is required. [Repeatable for a total of 4 credit hours towards degree/certificate requirements.].

Credit Hours

Credit Hours

Min:

1

Lecture Hours

Min:

0

Lab Hours

Min:

3

MUS113 - Big Band I

Overview

Course Prefix

MUS

Course Number

113

Course Title

Big Band I

Degree Attributes

Tuition 2 (1T12)

Course Description

Rehearsal and performance of selected intermediate level jazz literature. Audition required. Additional required performances. [Repeatable for a total of 2 credit hours towards degree/certificate requirements.].

Credit Hours**Credit Hours****Min:**

1

Lecture Hours**Min:**

0

Lab Hours**Min:**

3

MUS114 - Big Band II

Overview

Course Prefix

MUS

Course Number

114

Course Title

Big Band II

Degree Attributes

Tuition 2 (1T12)

Course Description

Rehearsal and performance of selected advanced level jazz literature. Audition required. Additional required performances. [Repeatable for a total of 2 credit hours towards degree/certificate requirements.].

Credit Hours**Credit Hours****Min:**

1

Lecture Hours**Min:**

0

Lab Hours**Min:**

3

MUS115 - Instrumental Ensemble:

Overview

Course Prefix

MUS

Course Number

115

Course Title

Instrumental Ensemble:

Degree Attributes

Tuition 2 (1T12)

Course Description

Music reading skills, playing techniques, ensemble playing. Performance participation required. Audition required.

Credit Hours

Credit Hours

Min:

1

Lecture Hours

Min:

0

Lab Hours

Min:

3

MUS116 - Jazz Combo

Overview

Course Prefix

MUS

Course Number

116

Course Title

Jazz Combo

Degree Attributes

Tuition 2 (1T12)

Course Description

Jazz music reading skills, playing techniques, ensemble playing. Performance participation required. (Repeatable for a total of 4 credit hours towards degree/certificate requirements.).

Credit Hours

Credit Hours

Min:

1

Lecture Hours

Min:

0

Lab Hours

Min:

3

MUS117 - Symphony Orchestra

Overview

Course Prefix

MUS

Course Number

117

Course Title

Symphony Orchestra

Degree Attributes

Tuition 2 (1T12)

Course Description

Symphony orchestra rehearsal and performance. [Repeatable for a total of 4 credit hours towards degree/certificate requirements.].

Credit Hours

Credit Hours

Min:

1

Lecture Hours

Min:

0

Lab Hours

Min:

3

MUS120 - Music Ensemble:

Overview

Course Prefix

MUS

Course Number

120

Course Title

Music Ensemble:

Degree Attributes

Tuition 2 (1T12)

Course Description

Rehearsal and performance of historically/socially significant pieces of music, with an emphasis on understanding the role of the individual musicians within a larger ensemble. Primarily focused on technical control, timbre, and stylistic accuracy of applied instruments. Limited rehearsals and performances outside of times listed required.

Credit Hours

Credit Hours

Min:

0.5

Lecture Hours

Min:

0

Lab Hours

Min:

1.5

MUS129 - Music Fundamentals

Overview

Course Prefix

MUS

Course Number

129

Course Title

Music Fundamentals

Degree Attributes

Tuition 2 (1T12)

Course Description

Basic elements of music reading and notation, as well as an aural component including identification and dictation. Designed for non-majors (hobbyist, church choir member, pop musician) or the musician with limited to no music reading skill.

Credit Hours**Credit Hours****Min:**

2

Lecture Hours**Min:**

2

Lab Hours**Min:**

0

MUS131 - Basic Integrated Theory I

Overview

Course Prefix

MUS

Course Number

131

Course Title

Basic Integrated Theory I

Degree Attributes

Tuition 2 (1T12)

Course Description

Basic theory of music including part writing, ear training, sight singing, dictation and keyboard harmony. Review of musical notation, intervals, triads and scales. Part writing skills for root position, first and second inversion triads; sight singing and dictation skills through scale passages including intervals of 3rd and 4ths and simple beat divisions. Required of music majors.

Credit Hours**Credit Hours****Min:**

4

Lecture Hours**Min:**

4

Lab Hours**Min:**

1

MUS132 - Basic Integrated Theory II

Overview

Course Prefix

MUS

Course Number

132

Course Title

Basic Integrated Theory II

Degree Attributes

Tuition 2 (1T12)

Course Description

Correlating part writing, ear training, sight singing, dictation and keyboard harmony. Part writing skills in phrase structure and cadences, harmony progression, harmonization techniques and use of non-harmonic tones; sight singing and dictation skills through minor scale passages, intervals of 5ths through the octave and 16th note beat divisions. Required of music majors. Prerequisite: MUS 131.

Credit Hours

Credit Hours

Min:

4

Lecture Hours

Min:

4

Lab Hours

Min:

1

Requisites

Simple Requisites

Type

Prerequisite

Complete ALL of the following Courses:

- MUS131 - Basic Integrated Theory I

MUS134 - Singing for the Actor

Overview

Course Prefix

MUS

Course Number

134

Course Title

Singing for the Actor

Degree Attributes

Tuition 2 (1T12)

Course Description

Study and development of the voice as it relates to the Musical Theatre genre. An integrated approach to singing through the application of music reading skills, characterization, and the analysis and performance of standard repertoire. Designed for aspiring actors, singers, and dancers.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

2

Lab Hours

Min:

2

MUS145 - Music of World Cultures

Overview

Course Prefix

MUS

Course Number

145

Course Title

Music of World Cultures

Degree Attributes

Arts & Humanities (AH) (AH), Tuition 2 (1T12)

Course Description

Cultural and historical ethnic music contributions throughout the world. Social, cultural and spiritual factors affecting music. Emphasis on listening skills, style characteristics, properties of sound and elements of music on various instruments.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

3

Lab Hours

Min:

0

Requisites

Simple Requisites

Type

Prerequisite

Fulfill ALL of the following requirements:

Reading Proficiency.

MUS151 - Applied Music

Overview

Course Prefix

MUS

Course Number

151

Course Title

Applied Music

Degree Attributes

Tuition 2 (1T12)

Course Description

Individual instruction in piano, organ, voice, guitar, band or orchestra instruments for music majors. [MUS 151, MUS 151A and MUS 151B are together repeatable for a total of 4 credit hours towards degree/certificate requirements.].

Credit Hours

Credit Hours

Min:

2

Lecture Hours

Min:

0

Lab Hours

Min:

0

MUS151A - Applied Music

Overview

Course Prefix

MUS

Course Number

151A

Course Title

Applied Music

Degree Attributes

Tuition 2 (1T12)

Course Description

Individual instruction in piano, organ, voice, guitar, band or orchestra instruments for music majors. [MUS 151, MUS 151A and MUS 151B are together repeatable for a total of 4 credit hours towards degree/certificate requirements.].

Credit Hours

Credit Hours

Min:

2

Lecture Hours

Min:

0

Lab Hours

Min:

0

MUS151B - Applied Music

Overview

Course Prefix

MUS

Course Number

151B

Course Title

Applied Music

Degree Attributes

Tuition 2 (1T12)

Course Description

Individual instruction in piano, organ, voice, guitar, band or orchestra instruments for music majors. [MUS 151, MUS 151A and MUS 151B are together repeatable for a total of 4 credit hours towards degree/certificate requirements.].

Credit Hours

Credit Hours

Min:

2

Lecture Hours

Min:

0

Lab Hours

Min:

0

MUS198 - Music Topics:

Overview

Course Prefix

MUS

Course Number

198

Course Title

Music Topics:

Degree Attributes

Tuition 2 (1T12)

Course Description

Exploration of music techniques and expression. [Any combination of MUS 198 topics is repeatable for a total of 6 credit hours towards degree/certificate requirements.].

Credit Hours

Credit Hours

Min:

1

Max:

3

Credit Hours

Operator:

TO

Lecture Hours

Min:

1

Max:

3

Lecture Hours

Operator:

TO

Lab Hours

Min:

0

MUS198A - Music Topics:

Overview

Course Prefix

MUS

Course Number

198A

Course Title

Music Topics:

Degree Attributes

Tuition 2 (1T12)

Course Description

Exploration of music techniques and expression. [Any combination of MUS 198 topics is repeatable for a total of 6 credit hours towards degree/certificate requirements.].

Credit Hours

Credit Hours

Min:

1

Max:

3

Credit Hours

Operator:

TO

Lecture Hours

Min:

1

Max:

3

Lecture Hours

Operator:

TO

Lab Hours

Min:

0

MUS198B - Music Topics:

Overview

Course Prefix

MUS

Course Number

198B

Course Title

Music Topics:

Degree Attributes

Tuition 2 (1T12)

Course Description

Exploration of music techniques and expression. [Any combination of MUS 198 topics is repeatable for a total of 6 credit hours towards degree/certificate requirements.].

Credit Hours

Credit Hours

Min:

1

Max:

3

Credit Hours

Operator:

TO

Lecture Hours

Min:

1

Max:

3

Lecture Hours

Operator:

TO

Lab Hours

Min:

0

MUS203 - Piano Class III

Overview

Course Prefix

MUS

Course Number

203

Course Title

Piano Class III

Degree Attributes

Tuition 2 (1T12)

Course Description

Designed for students with some piano experience. Emphasis on advanced accompaniment skills. Prerequisite: MUS 104.

Credit Hours

Credit Hours

Min:

1

Lecture Hours

Min:

0

Lab Hours

Min:

3

Requisites

Simple Requisites

Type

Prerequisite

Complete ALL of the following Courses:

- MUS104 - Piano Class II

MUS204 - Piano Class IV

Overview

Course Prefix

MUS

Course Number

204

Course Title

Piano Class IV

Degree Attributes

Tuition 2 (1T12)

Course Description

Designed for students with some piano experience. Emphasis on interpretation. Prerequisite: MUS 203.

Credit Hours

Credit Hours

Min:

1

Lecture Hours

Min:

0

Lab Hours

Min:

3

Requisites

Simple Requisites

Type

Prerequisite

Complete ALL of the following Courses:

- MUS203 - Piano Class III

MUS221 - Tenor/Bass Choir:

Overview

Course Prefix

MUS

Course Number

221

Course Title

Tenor/Bass Choir:

Degree Attributes

Tuition 2 (1T12)

Course Description

Performance of a wide range of repertoire from different musical styles and periods, including Renaissance through contemporary styles, sacred, secular, musical theatre, vocal jazz, barbershop and classical. Membership open with no audition required.

Credit Hours

Credit Hours

Min:

1

Lecture Hours

Min:

0

Lab Hours

Min:

3

MUS222 - Chamber Singers:

Overview

Course Prefix

MUS

Course Number

222

Course Title

Chamber Singers:

Degree Attributes

Tuition 2 (1T12)

Course Description

Rehearsal and performance of selected choral literature. Membership by audition.

Credit Hours

Credit Hours**Min:**

1

Lecture Hours**Min:**

0

Lab Hours**Min:**

3

MUS223 - Vocal Ensemble

Overview

Course Prefix

MUS

Course Number

223

Course Title

Vocal Ensemble

Degree Attributes

Tuition 2 (1T12)

Course Description

Rehearsal and performance of selected choral literature. No audition required.
[Repeatable for a total of 4 credit hours towards degree/certificate requirements.].

Credit Hours

Credit Hours**Min:**

1

Lecture Hours**Min:**

0

Lab Hours**Min:**

3

MUS224 - Master Chorale

Overview

Course Prefix

MUS

Course Number

224

Course Title

Master Chorale

Degree Attributes

Tuition 2 (1T12)

Course Description

Rehearsal and performance of selected major choral literature. Membership by audition. [Repeatable for a total of 4 credit hours towards degree/certificate requirements.].

Credit Hours

Credit Hours

Min:

1

Lecture Hours

Min:

0

Lab Hours

Min:

3

MUS225 - Community Chorale

Overview

Course Prefix

MUS

Course Number

225

Course Title

Community Chorale

Degree Attributes

Tuition 2 (1T12)

Course Description

Rehearsal and performance of selected choral literature. No audition required. [Repeatable for a total of 4 credit hours towards degree/certificate requirements.].

Credit Hours

Credit Hours

Min:

1

Lecture Hours

Min:

0

Lab Hours

Min:

3

MUS227 - Treble Choir:

Overview

Course Prefix

MUS

Course Number

227

Course Title

Treble Choir:

Degree Attributes

Tuition 2 (1T12)

Course Description

Rehearsal and performance of selected choral literature. Audition required.

Credit Hours

Credit Hours**Min:**

1

Lecture Hours**Min:**

0

Lab Hours**Min:**

3

MUS231 - Advanced Integrated Theory I

Overview

Course Prefix

MUS

Course Number

231

Course Title

Advanced Integrated Theory I

Degree Attributes

SUN# MUS 2222 (Z035), Tuition 2 (1T12)

Course Description

Advanced theory of music correlating concepts of part writing, sight singing, ear training, dictation and keyboard harmony. Part writing skills using 7th chords, secondary dominants and altered non-harmonic tones, modulation and borrowed chords; sight singing and dictation skills through altered intervals and syncopated rhythms; keyboard skills realizing a figured bass. Required of music majors. Prerequisite: MUS 132.

Credit Hours

Credit Hours**Min:**

4

Lecture Hours**Min:**

4

Lab Hours**Min:**

1

Requisites

Simple Requisites**Type**

Prerequisite

Complete ALL of the following Courses:

- MUS132 - Basic Integrated Theory II

MUS232 - Advanced Integrated Theory II

Overview

Course Prefix

MUS

Course Number

232

Course Title

Advanced Integrated Theory II

Degree Attributes

SUN# MUS 2223 (Z036), Tuition 2 (1T12)

Course Description

Correlating advanced concepts of part writing, sight singing, ear training, dictation and keyboard harmony. Part writing skills using augmented 6th chords, chromatic mediant and modulations to foreign keys, sight singing and dictation skills through two, three and four parts; keyboard skills realizing a figured bass. Required of music majors.

Prerequisite: MUS 231.

Credit Hours

Credit Hours

Min:

4

Lecture Hours

Min:

4

Lab Hours

Min:

1

Requisites

Simple Requisites

Type

Prerequisite

Complete ALL of the following Courses:

- MUS231 - Advanced Integrated Theory I

MUS240 - Music Appreciation

Overview

Course Prefix

MUS

Course Number

240

Course Title

Music Appreciation

Degree Attributes

Arts & Humanities (AH) (AH), Written Comm (2021-99) (WCC), Tuition 2 (1T12)

Course Description

Explores the common elements of rhythm, melody, harmony, and form as they connect with the heritage of human understanding. Examines issues of universal human concern that are reflected in all styles of music from folk to classical. Prerequisite: ENG 101 or ENG 101A or ENG 101H.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

3

Lab Hours

Min:

0

Requisites

Simple Requisites

Type

Prerequisite

Complete ALL of the following Courses:

- ENG101 - College Composition I
OR ENG101H - College Composition I Honors
OR ENG101A - College Composition I with Writing Skills Review

MUS296 - Internship: Music

Overview

Course Prefix

MUS

Course Number

296

Course Title

Internship: Music

Degree Attributes

Tuition 2 (1T12)

Course Description

Supervised field experience with businesses, corporations, government agencies, schools and community organizations to expand career interests and apply subject knowledge relevant to the workplace. Individualized internship placements to develop personal and professional skills, including professional ethics, leadership, and civic responsibility.

Prerequisite: Student must have a GPA of 2.0; have completed specific degree requirements as required by the program; and have completed the internship application process. Three lecture. [Repeatable for a total of 6 credit hours towards degree/certificate requirements.] S/U grading only.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

0

Lab Hours

Min:

0

Requisites

Simple Requisites

Type

Prerequisite

Earn a minimum GPA of 2.0

Have completed specific degree requirements as required by the program; and have completed the internship application process.

MUS299 - Independent Study Music

Overview

Course Prefix

MUS

Course Number

299

Course Title

Independent Study Music

Degree Attributes

Tuition 2 (1T12)

Course Description

Supervised special project in this field of study. Approval of supervising Dean is required.

Credit Hours

Credit Hours

Min:

1

Max:

6

Credit Hours

Operator:

TO

Lecture Hours

Min:

0

Lab Hours

Min:

0

MXR110 - Digital Environmental Design

Overview

Course Prefix

MXR

Course Number

110

Course Title

Digital Environmental Design

Degree Attributes

Tuition 2 (1T12)

Course Description

Fundamental architectural principles that guide the creation of digital environments. Manipulation of time and narrative pacing to create dynamic digital environments. Creation of immersive atmospheres through the consideration of lighting and sound design.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

2

Lab Hours

Min:

3

MXR210 - Programming for Extended Realities

Overview

Course Prefix

MXR

Course Number

210

Course Title

Programming for Extended Realities

Degree Attributes

Tuition 2 (1T12)

Course Description

Programming fundamentals in the context of XR development. Hardware components and devices commonly used for AR, VR, and XR experiences. Development for industry-standard platforms and devices. Prerequisites: MIX 110, and CSC 125.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

2

Lab Hours

Min:

3

Requisites**Simple Requisites****Type**

Prerequisite

Complete ALL of the following Courses:

- MXR110 - Digital Environmental Design
AND CSC125 - Programming: C# Fundamentals

MXR220 - 3D Simulation and Visualization

Overview

Course Prefix

MXR

Course Number

220

Course Title

3D Simulation and Visualization

Degree Attributes

Tuition 2 (1T12)

Course Description

Utilization of skills required to create 3D digital experiences. Navigate industry-standard 3D visualization software. Create models and assets for use in interactive experiences. Best practices for 3D simulation and visualization. Prerequisites: MXR 210 (may be taken concurrently), VGD 151 and (MET 200 or EGR 180).

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

2

Lab Hours

Min:

3

Requisites

Simple Requisites

Type

Prerequisite

Complete ALL of the following Courses:

- MET200 - SolidWorks for Non-Engineers
OR EGR180 - CAD (Computer-Aided Drawing) with SolidWorks
- MXR210 - Programming for Extended Realities
- VGD151 - 3D Modeling and Animation

MXR210 Programming Extended Realities may be taken concurrently.

MXR230 - Advanced XR Projects

Overview

Course Prefix

MXR

Course Number

230

Course Title

Advanced XR Projects

Degree Attributes

Tuition 2 (1T12)

Course Description

Design of XR environments, 3D assets, and immersive user experiences culminating in an experiential capstone project. Techniques for optimizing 3D models, textures, and animations tailored to XR platforms. Prerequisites: MXR 220 (may be taken concurrently) and VGD 180.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

0

Lab Hours

Min:

9

Requisites

Simple Requisites

Type

Prerequisite

Complete ALL of the following Courses:

- MXR220 - 3D Simulation and Visualization
- VGD180 - Game Theory and Design Principles

MXR220 3D Simulation & Visualization may be taken concurrently.

NSG140 - Nursing Theory I

Overview

Course Prefix

NSG

Course Number

140

Course Title

Nursing Theory I

Degree Attributes

Tuition 3 (1T13)

Course Description

Introduction to the fundamentals of nursing care for clients with selected alterations in health, utilizing the nursing process as a framework for care. Presents a holistic approach to assessment using QSEN competencies, and /or related nursing concepts. Introduces the competencies of nursing knowledge to include patient-centered care, professionalism, informatics and technology, teamwork and collaboration, safety, quality improvement, and evidence-based practice. Prerequisite: Program Admission

Credit Hours

Credit Hours

Min:

4

Lecture Hours

Min:

4

Lab Hours

Min:

0

Requisites

Simple Requisites

Type

Prerequisite

Fulfill ALL of the following requirements:

Program Admission.

NSG142 - Application of Nursing Theory I

Overview

Course Prefix

NSG

Course Number

142

Course Title

Application of Nursing Theory I

Degree Attributes

Tuition 3 (1T13)

Course Description

An introductory clinical course with application of theoretical concepts of wellness and illness; emphasis on basic nursing skills and application of nursing process in meeting the needs of diverse clients. Clinical practicum occurs in well-defined settings and integrates the competencies of nursing practice to include; patient centered care, professionalism, communication, teamwork and collaboration, safety, quality, informatics and evidence-based practice. Clinical group pre-conference and post-conference discussions occur with application of theoretical concepts. Prerequisite: Program Admission.

Credit Hours

Credit Hours

Min:

2

Lecture Hours

Min:

0

Lab Hours

Min:

4

Requisites

Simple Requisites

Type

Prerequisite

Fulfill ALL of the following requirements:

Program Admission.

NSG143 - Development of Nursing Practice I

Overview

Course Prefix
NSG

Course Number
143

Course Title

Development of Nursing Practice I

Degree Attributes

Tuition 3 (1T13)

Course Description

Introduces theory that directs nursing skills and the development of nursing practice. Uses the nursing process as a framework for care and implementation of appropriate nursing interventions. Basic to intermediate nursing skills are developed. Prerequisite: Program Admission

Credit Hours

Credit Hours

Min:

2

Lecture Hours

Min:

1

Lab Hours

Min:

3

Requisites

Simple Requisites

Type

Prerequisite

Fulfill ALL of the following requirements:

Program Admission.

NSG144 - Mental Health Nursing Theory I

Overview

Course Prefix
NSG

Course Number
144

Course Title

Mental Health Nursing Theory I

Degree Attributes

Tuition 3 (1T13)

Course Description

Introduction to the concepts of psychosocial nursing care for clients throughout the life span. Emphasis on the use of the nursing process to assess and integrate therapeutic communication techniques, learning/teaching, psychosocial, diversity/cultural, spiritual, nutritional, pharmacological, legal and ethical aspects. Introduction to adaptive and maladaptive, psychosocial and physiological responses related to commonly occurring psychological disorders as seen in the various healthcare settings. Integration QSEN competencies of patient-centered care, teamwork and collaboration, evidence-based practice, quality improvement, safety and informatics. Prerequisite: Program Admission.

Credit Hours

Credit Hours

Min:

1

Lecture Hours

Min:

1

Lab Hours

Min:

0

Requisites

Simple Requisites

Type

Prerequisite

Fulfill ALL of the following requirements:

Program Admission.

NSG145 - Pharmacology for Nursing I

Overview

Course Prefix
NSG

Course Number
145

Course Title
Pharmacology for Nursing I

Degree Attributes
Tuition 3 (1T13)

Course Description

Introduces principles of pharmacotherapeutics, pharmacodynamics, and pharmacokinetics, including drug actions, utilizing the Quality and Safety Education in Nursing competencies and nursing process to explore pharmacologic aspects of patient care. Examines national standards for safety in pharmacologic therapy. Introduces dosage calculation. Prerequisite: Program Admission.

Credit Hours

Credit Hours

Min:
1

Lecture Hours

Min:
1

Lab Hours

Min:
0

Requisites

Simple Requisites

Type
Prerequisite

Fulfill ALL of the following requirements:
Program Admission.

NSG151 - Nursing Theory II

Overview

Course Prefix
NSG

Course Number
151

Course Title
Nursing Theory II

Degree Attributes
Tuition 3 (1T13)

Course Description

Concepts of nursing care for clients with commonly occurring alterations in health, utilizing the nursing process to apply and analyze previously learned concepts. In addition to assessment, planning, and nursing diagnosis, with emphasis on implementation. Incorporates a holistic approach to assessment. Integrates the competencies of nursing knowledge to include patient-centered care, teamwork and collaboration, evidence-based practice, quality improvement, safety, and informatics. Prerequisites: NSG 140, NSG 142, NSG 143, NSG 144, and NSG 145.

Credit Hours

Credit Hours

Min:
3

Lecture Hours

Min:
3

Lab Hours

Min:
0

Requisites

Simple Requisites

Type
Prerequisite

Complete ALL of the following Courses:

- NSG140 - Nursing Theory I
AND NSG142 - Application of Nursing Theory I
AND NSG143 - Development of Nursing Practice I
AND NSG144 - Mental Health Nursing Theory I
AND NSG145 - Pharmacology for Nursing I

NSG152 - Application of Nursing Theory II

Overview

Course Prefix

NSG

Course Number

152

Course Title

Application of Nursing Theory II

Degree Attributes

Tuition 3 (1T13)

Course Description

Beginning clinical experience requiring the integration of previously learned clinical concepts. Applies therapeutic interventions using the nursing process to adapt patient centered care to meet the needs of diverse clients within the healthcare system. Clinical practicum occurs in well-defined settings and integrates the competencies of nursing practice to include patient centered care, informatics, teamwork and collaboration, safety, quality improvement and evidence-based practice. Prerequisites: NSG 140, NSG 142, NSG 143, NSG 144, NSG 145.

Credit Hours

Credit Hours

Min:

2

Lecture Hours

Min:

0

Lab Hours

Min:

4

Requisites

Simple Requisites

Type

Prerequisite

Complete ALL of the following Courses:

- NSG140 - Nursing Theory I
AND NSG142 - Application of Nursing Theory I
AND NSG143 - Development of Nursing Practice I
AND NSG144 - Mental Health Nursing Theory I
AND NSG145 - Pharmacology for Nursing I

NSG153 - Development of Nursing Practice II

Overview

Course Prefix

NSG

Course Number

153

Course Title

Development of Nursing Practice II

Degree Attributes

Tuition 3 (1T13)

Course Description

Applies theory that directs nursing skills and the development of nursing practice. Uses the nursing process to apply theory and the implementation of appropriate nursing interventions. Intermediate to advanced nursing skills are developed. Prerequisites: NSG 140, NSG 142, NSG 143, NSG 144, NSG 145.

Credit Hours

Credit Hours

Min:

2

Lecture Hours

Min:

1

Lab Hours

Min:

3

Requisites

Simple Requisites

Type

Prerequisite

Complete ALL of the following Courses:

- NSG140 - Nursing Theory I
AND NSG142 - Application of Nursing Theory I
AND NSG143 - Development of Nursing Practice I
AND NSG144 - Mental Health Nursing Theory I
AND NSG145 - Pharmacology for Nursing I

NSG154 - Maternal/Child Nursing Theory

Overview

Course Prefix

NSG

Course Number

154

Course Title

Maternal/Child Nursing Theory

Degree Attributes

Tuition 3 (1T13)

Course Description

Health promotion in the context of the family with a focus on the mother and child. Includes concepts of nursing care for the developing family from preconception to perinatal and postpartum care of the mother and neonate. Encompasses normal and high-risk reproductive issues, women’s health, and developmental care of the child from infant through adolescence. Integrates the competencies of nursing knowledge to include patient-centered care, professionalism, leadership, systems-based practice, informatics and technology, communication, teamwork and collaboration, safety, quality improvement, and evidence-based practice. Prerequisite: NSG 140, NSG 142, NSG 143, NSG 144, NSG 145.

Credit Hours

Credit Hours

Min:

2

Lecture Hours

Min:

2

Lab Hours

Min:

0

Requisites

Simple Requisites

Type

Prerequisite

Complete ALL of the following Courses:

- NSG140 - Nursing Theory I
AND NSG142 - Application of Nursing Theory I
AND NSG143 - Development of Nursing Practice I
AND NSG144 - Mental Health Nursing Theory I
AND NSG145 - Pharmacology for Nursing I

NSG155 - Pharmacology for Nursing II

Overview

Course Prefix

NSG

Course Number

155

Course Title

Pharmacology for Nursing II

Degree Attributes

Tuition 3 (1T13)

Course Description

Examination of principles of pharmacotherapeutics, pharmacodynamics, and pharmacokinetic properties of commonly prescribed drugs in each of the major drug classifications. Integrates the Quality and Safety Education in Nursing competencies and nursing process to pharmacologic aspects of effective care for individual clients with complex disease condition along the health/illness continuum. Reinforces national standards for safety in pharmacologic therapy. Introduces complex dosage calculations. In-depth examination of selected medication classifications with patient safety and critical thinking presented. Prerequisites: NSG 140, NSG 142, NSG 143, NSG 144, NSG 145.

Credit Hours

Credit Hours

Min:

2

Lecture Hours

Min:

2

Lab Hours

Min:

0

Requisites

Simple Requisites

Type

Prerequisite

Complete ALL of the following Courses:

- NSG140 - Nursing Theory I
AND NSG142 - Application of Nursing Theory I
AND NSG143 - Development of Nursing Practice I
AND NSG144 - Mental Health Nursing Theory I
AND NSG145 - Pharmacology for Nursing I

NSG241 - Nursing Theory III

Overview

Course Prefix
NSG

Course Number
241

Course Title
Nursing Theory III

Degree Attributes
Tuition 3 (1T13)

Course Description

Concepts of nursing care for clients with commonly occurring alterations in health, utilizing the nursing process to apply and analyze previously learned concepts. In addition to assessment, planning and nursing diagnosis, emphasis is on implementation. Incorporates a holistic approach to assessment of patients. Integrates the competencies of nursing knowledge to include patient-centered care, informatics and technology, teamwork and collaboration, safety, quality improvement and evidence-based practice. Prerequisite: NSG 151, NSG 152, NSG 153, NSG 155, and BIO 205.

Credit Hours

Credit Hours

Min:
5

Lecture Hours

Min:
5

Lab Hours

Min:
0

Requisites

Simple Requisites

Type
Prerequisite

Complete ALL of the following Courses:

- NSG151 - Nursing Theory II
- NSG152 - Application of Nursing Theory II
- NSG153 - Development of Nursing Practice II
- NSG155 - Pharmacology for Nursing II
- BIO205 - Microbiology

NSG242 - Application of Nursing Theory III

Overview

Course Prefix
NSG

Course Number
242

Course Title
Application of Nursing Theory III

Degree Attributes
Tuition 3 (1T13)

Course Description

An intermediate clinical course with application of theoretical concepts of wellness and illness; emphasis on nursing skills and application of nursing process in meeting the needs of diverse clients. Clinical practicum occurs in well-defined settings and integrates the competencies of nursing practice to include; patient centered care, professionalism, communication, teamwork and collaboration, safety, quality, informatics and evidence-based practice. Clinical group pre- and post-conference discussions occur with application of theoretical concepts. Prerequisite: NSG 151, NSG 152, NSG 153, NSG 154, NSG 155, BIO 205.

Credit Hours

Credit Hours

Min:
3

Lecture Hours

Min:
0

Lab Hours

Min:
6

Requisites

Simple Requisites

Type
Prerequisite

Complete ALL of the following Courses:

- NSG151 - Nursing Theory II
AND NSG152 - Application of Nursing Theory II
AND NSG153 - Development of Nursing Practice II
AND NSG154 - Maternal/Child Nursing Theory
AND NSG155 - Pharmacology for Nursing II
AND BIO205 - Microbiology

NSG260 - Mental Health Nursing Theory II

Overview

Course Prefix

NSG

Course Number

260

Course Title

Mental Health Nursing Theory II

Degree Attributes

Tuition 3 (1T13)

Course Description

Concepts of nursing care for clients with maladaptive psychosocial and physiological responses related to commonly occurring psychiatric disorders. Emphasis on the use of the nursing process to apply and analyze previously learned concepts related to psychiatric disorders. Integration of competencies of nursing knowledge to include patient centered care, teamwork and collaboration, safety, evidence based practice, quality management and informatics to provide professional safe care. Prerequisite: NSG 151, NSG 152, NSG 153, NSG 154, NSG 155, BIO 205.

Credit Hours

Credit Hours

Min:

2

Lecture Hours

Min:

2

Lab Hours

Min:

0

Requisites

Simple Requisites

Type

Prerequisite

Complete ALL of the following Courses:

- NSG151 - Nursing Theory II
AND NSG152 - Application of Nursing Theory II
AND NSG153 - Development of Nursing Practice II
AND NSG154 - Maternal/Child Nursing Theory
AND NSG155 - Pharmacology for Nursing II
AND BIO205 - Microbiology

NSG270 - Nursing Theory IV

Overview

Course Prefix

NSG

Course Number

270

Course Title

Nursing Theory IV

Degree Attributes

Tuition 3 (1T13)

Course Description

Applies concepts of nursing care for clients with critical alterations in health. Emphasis is on high-risk and multi-system problems including concepts of acute medical-surgical and an introduction to critical care nursing. Uses the nursing process to analyze and synthesize previously learned concepts. Integrates the QSEN competencies to include patient-centered care, teamwork and collaboration, evidence-based practice, quality improvement, safety, and informatics. Prerequisites: NSG 241, NSG 242, NSG 260.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

3

Lab Hours

Min:

0

Requisites

Simple Requisites

Type

Prerequisite

Complete ALL of the following Courses:

- NSG241 - Nursing Theory III
AND NSG242 - Application of Nursing Theory III
AND NSG260 - Mental Health Nursing Theory II

NSG272 - Application of Nursing Theory IV

Overview

Course Prefix
NSG

Course Number
272

Course Title

Application of Nursing Theory IV

Degree Attributes

Tuition 3 (1T13)

Course Description

Analysis and synthesis of theory content to selected patients in acute care settings (including but not limited to critical care areas, medical/surgical/telemetry units, emergency department, obstetrics and pediatric units). Students are paired with a registered nurse preceptor while completing their capstone clinical experience in order to facilitate transition to practice. Integrates the QSEN competencies to include patient-centered care, teamwork and collaboration, evidence-based practice, quality improvement, safety and informatics. Prerequisites: NSG 241, NSG242, NSG260.

Credit Hours

Credit Hours

Min:
4.5

Lecture Hours

Min:
0

Lab Hours

Min:
9

Requisites

Simple Requisites

Type

Prerequisite

Complete ALL of the following Courses:

- NSG241 - Nursing Theory III
AND NSG242 - Application of Nursing Theory III
AND NSG260 - Mental Health Nursing Theory II

NSG280 - Professional Nursing Concepts

Overview

Course Prefix
NSG

Course Number
280

Course Title

Professional Nursing Concepts

Degree Attributes

Tuition 3 (1T13)

Course Description

Concepts associated with professional comportment and the meaning of the identity of nursing as a profession. Skills and techniques for entering the healthcare profession as a registered nurse. Consideration given to current trends in the job market. Includes career search, employment considerations, and primary aspects of obtaining employment. Techniques to generate a resume and cover letter, and prepare for the interviewing process. Develops interviewing skills. Provides an introduction to principles of management and leadership. Explores competencies necessary to succeed in a nursing leadership role in various healthcare settings. Incorporates and integrates the competencies of nursing knowledge to include patient centered care, teamwork and collaboration, evidence-based practice, quality improvement, safety, and informatics. Prerequisite: NSG 241, NSG 242, and NSG 260.

Credit Hours

Credit Hours

Min:
2

Lecture Hours

Min:
2

Lab Hours

Min:
0

Requisites

Simple Requisites

Type

Prerequisite

Complete ALL of the following Courses:

- NSG241 - Nursing Theory III
AND NSG242 - Application of Nursing Theory III
AND NSG260 - Mental Health Nursing Theory II

NSG296 - Internship: Nursing

Overview

Course Prefix
NSG

Course Number
296

Course Title
Internship: Nursing

Degree Attributes
Tuition 3 (1T13)

Course Description

Supervised field experience with businesses, corporations, government agencies, schools and community organizations to expand career interests and apply subject knowledge relevant to the workplace. Individualized internship placements to develop personal and professional skills, including professional ethics, leadership, and civic responsibility. Prerequisite: Student must have a GPA of 2.0; have completed specific degree requirements as required by the program; and have completed the internship application process. [Repeatable for a total of 6 credit hours towards degree/certificate requirements.] S/U grading only.

Credit Hours

Credit Hours

Min:
3

Lecture Hours

Min:
0

Lab Hours

Min:
0

Requisites

Simple Requisites

Type
Prerequisite

Fulfill ALL of the following requirements:
Student must have a GPA of 2.0; have completed specific degree requirements as required by the program; and have completed the internship application process.

NSG299 - Independent Study Nursing

Overview

Course Prefix
NSG

Course Number
299

Course Title
Independent Study Nursing

Degree Attributes
Diversity (2021-99) (DIVC), Social & Behavioral Sciences (SBS), Tuition 2 (1T12)

Course Description

Supervised special project in this field of study. Approval of supervising Division Dean is required. A-F grading only.

Credit Hours

Credit Hours

Min:
1

Max:
6

Credit Hours Operator:
TO

Lecture Hours

Min:
0

Lab Hours

Min:
0

NSG310 - Transition and Concepts of Professional Nursing

Overview

Course Prefix **Course Number**
NSG 310

Course Title
Transition and Concepts of Professional Nursing

Degree Attributes
Tuition 6 (1T16)

Course Description
Builds on prior learning and skills to facilitate the transition to professional nursing. Philosophical perspectives, theories and standards are applied to professional nursing practice. Factors influencing nursing and health care are considered. Prerequisite: Program Admission.

Credit Hours

Credit Hours

Min:
3

Lecture Hours

Min:
3

Lab Hours

Min:
0

Requisites

Simple Requisites

Type
Prerequisite

Fulfill ALL of the following requirements:
Program Admission.

NSG320 - Nursing Practice in a Multicultural Society

Overview

Course Prefix **Course Number**
NSG 320

Course Title
Nursing Practice in a Multicultural Society

Degree Attributes
Tuition 6 (1T16)

Course Description
Exploration of the ethics and human rights issues related to disparities in equality of financial, educational, environmental, and political resources across the United States and the globe. The role of the professional nurse beyond your community is discussed. Prerequisite: Program Admission.

Credit Hours

Credit Hours

Min:
3

Lecture Hours

Min:
3

Lab Hours

Min:
0

Requisites

Simple Requisites

Type
Prerequisite

Fulfill ALL of the following requirements:
Program Admission.

NSG330 - Advanced Assessment and Health Promotion

Overview

Course Prefix
NSG

Course Number
330

Course Title
Advanced Assessment and Health Promotion

Degree Attributes
Tuition 6 (1T16)

Course Description
Building on prior learning, focus is on assessment of families, groups, and communities. The emphasis will be on health promotion across the lifespan. Prerequisite: Program Admission.

Credit Hours

Credit Hours

Min:
3

Lecture Hours

Min:
3

Lab Hours

Min:
0

Requisites

Simple Requisites

Type
Prerequisite

Fulfill ALL of the following requirements:
Program Admission.

NSG340 - Nursing Informatics

Overview

Course Prefix
NSG

Course Number
340

Course Title
Nursing Informatics

Degree Attributes
Tuition 6 (1T16)

Course Description

Includes an overview of nursing informatics to improve communication, management of health care and optimal outcomes. Nursing's role and ethical considerations with informatics will be discussed. Prerequisite: Program Admission.

Credit Hours

Credit Hours

Min:
1.5

Lecture Hours

Min:
1.5

Lab Hours

Min:
0

Requisites

Simple Requisites

Type
Prerequisite

Fulfill ALL of the following requirements:
Program Admission.

NSG350 - Nursing Research and Evidence Translation

Overview

Course Prefix
NSG

Course Number
350

Course Title

Nursing Research and Evidence Translation

Degree Attributes

Tuition 6 (1T16)

Course Description

Overview of the research process and utilization of evidence for optimal practice. Discussion of strategies to evaluate research for application will be discussed as a means of evidence translation. Prerequisite: Program Admission.

Credit Hours

Credit Hours

Min:
3

Lecture Hours

Min:
3

Lab Hours

Min:
0

Requisites

Simple Requisites

Type

Prerequisite

Fulfill ALL of the following requirements:
Program Admission.

NSG410 - Issues in Professional Practice

Overview

Course Prefix
NSG

Course Number
410

Course Title

Issues in Professional Practice

Degree Attributes

Tuition 6 (1T16)

Course Description

Building upon the RN to BSN student's practice, explores current political, economic, cultural, and social issues related to practice within the evolving health care system. The role of the nurse leader, advocating for quality within this changing environment will be discussed. Prerequisite: Program Admission.

Credit Hours

Credit Hours

Min:
3

Lecture Hours

Min:
3

Lab Hours

Min:
0

Requisites

Simple Requisites

Type

Prerequisite

Fulfill ALL of the following requirements:
Program Admission.

NSG420 - Population-Based Nursing in the Community

Overview

Course Prefix

NSG

Course Number

420

Course Title

Population-Based Nursing in the Community

Degree Attributes

Tuition 6 (1T16)

Course Description

This course introduces the concepts and principles of community and public health nursing. Emphasis is placed on community health measures that preserve, promote and maintain the health of populations. This course is designed to assess and create a comprehensive teaching plan for a specific population within the community.

Prerequisite: Program Admission.

Credit Hours

Credit Hours

Min:

4

Lecture Hours

Min:

4

Lab Hours

Min:

0

Requisites

Simple Requisites

Type

Prerequisite

Fulfill ALL of the following requirements:

Program Admission.

NSG430 - Aging and End of Life

Overview

Course Prefix

NSG

Course Number

430

Course Title

Aging and End of Life

Degree Attributes

Tuition 6 (1T16)

Course Description

Overview of the ethical dilemmas encountered in health care with an aging population. Discussion will focus on complex situations encountered by interprofessional teams related to end-of-life care. Prerequisite: Program Admission.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

3

Lab Hours

Min:

0

Requisites

Simple Requisites

Type

Prerequisite

Fulfill ALL of the following requirements:

Program Admission.

NSG440 - Global Health: Ethics and Human Rights

Overview

Course Prefix
NSG

Course Number
440

Course Title
Global Health: Ethics and Human Rights

Degree Attributes
Tuition 6 (1T16)

Course Description
Exploration of the ethics and human rights issues related to disparities in equality of financial, educational, environmental, and political resources across the United States and the globe. The role of the professional nurse beyond your community is discussed. Prerequisite: Program Admission.

Credit Hours

Credit Hours

Min:
3

Lecture Hours

Min:
3

Lab Hours

Min:
0

Requisites

Simple Requisites

Type
Prerequisite

Fulfill ALL of the following requirements:
Program Admission.

NSG450 - Nursing Leadership

Overview

Course Prefix
NSG

Course Number
450

Course Title
Nursing Leadership

Degree Attributes
Tuition 6 (1T16)

Course Description

Builds on prior learning and experience to explore transformational leadership to facilitate healthy work environments and provide optimal patient care. Includes 1 credit (45 hours) of leadership practice to design a quality improvement project within a health care setting. Prerequisite: Program Admission.

Credit Hours

Credit Hours

Min:
4

Lecture Hours

Min:
4

Lab Hours

Min:
0

Requisites

Simple Requisites

Type
Prerequisite

Fulfill ALL of the following requirements:
Program Admission.

NTR135 - Human Nutrition

Overview

Course Prefix

NTR

Course Number

135

Course Title

Human Nutrition

Degree Attributes

Tuition 2 (1T12)

Course Description

Principles of human nutrition including nutrient sources and physiological needs throughout the life cycle. Emphasis on role of nutrition in health and disease.

Prerequisite: Reading Proficiency.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

3

Lab Hours

Min:

0

Requisites

Simple Requisites

Type

Prerequisite

Fulfill ALL of the following requirements:

Reading Proficiency.

NTR145 - Food and Culture

Overview

Course Prefix

NTR

Course Number

145

Course Title

Food and Culture

Degree Attributes

Diversity (2021-99) (DIVC), Social & Behavioral Sciences (SBS), Tuition 2 (1T12)

Course Description

Examination of food in the context of culture. Includes historical, religious, and socio-cultural influences on the development of cuisine, meal patterns, eating customs, cooking methods, and nutritional status of various ethnic groups. Evaluation of traditional and contemporary food habits, beliefs and attitudes of global populations; selection, preparation and serving of foods from diverse cultures, and health and social impact of dietary changes. Exploration of the impact of politics, socioeconomics, and conflict on global, regional and local food systems. Prerequisite: Reading Proficiency.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

3

Lab Hours

Min:

0

Requisites

Simple Requisites

Type

Prerequisite

Fulfill ALL of the following requirements:

Reading Proficiency.

NTR296 - Internship: Human Nutrition

Overview

Course Prefix

NTR

Course Number

296

Course Title

Internship: Human Nutrition

Degree Attributes

Tuition 2 (1T12)

Course Description

Supervised field experience with businesses, corporations, government agencies, schools and community organizations to expand career interests and apply subject knowledge relevant to the workplace. Individualized internship placements to develop personal and professional skills, including professional ethics, leadership, and civic responsibility.

Prerequisite: Student must have a GPA of 2.0; have completed specific degree requirements as required by the program; and have completed the internship application process. [Repeatable for a total of 6 credit hours towards degree/certificate requirements.] S/U grading only.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

0

Lab Hours

Min:

0

Requisites

Simple Requisites

Type

Prerequisite

Fulfill ALL of the following requirements:

Student must have a GPA of 2.0; have completed specific degree requirements as required by the program; and have completed the internship application process.

NTR299 - Independent Study Human Nutrition

Overview

Course Prefix

NTR

Course Number

299

Course Title

Independent Study Human Nutrition

Degree Attributes

Tuition 2 (1T12)

Course Description

Supervised special project in this field of study. Approval of supervising Dean is required.

Credit Hours

Credit Hours

Min:

1

Max:

6

Credit Hours

Operator:

TO

Lecture Hours

Min:

0

Lab Hours

Min:

0

PHE105A - Fitness Workshop:

Overview

Course Prefix

PHE

Course Number

105A

Course Title

Fitness Workshop:

Degree Attributes

Tuition 2 (1T12)

Course Description

A group fitness class emphasizing one or more of the following: cardio fitness, resistance training, core/stability and flexibility exercises. S/U grading only.

Credit Hours

Credit Hours

Min:

0.5

Lecture Hours

Min:

0

Lab Hours

Min:

1

PHE107A - Water Fitness Workshop:

Overview

Course Prefix

PHE

Course Number

107A

Course Title

Water Fitness Workshop:

Degree Attributes

Tuition 2 (1T12)

Course Description

A pool-based exercise class using a variety of water equipment for a non-impact full body workout. S/U grading only.

Credit Hours

Credit Hours

Min:

0.5

Lecture Hours

Min:

0

Lab Hours

Min:

1

PHE110L - NIA

Overview

Course Prefix

PHE

Course Number

110L

Course Title

NIA

Degree Attributes

Tuition 2 (1T12)

Course Description

Neuromuscular Integrative Action (NIA) is a sensory-based movement practice that blends the dynamic power of the martial arts, the creative expression of the dance arts, and the inner awareness of the healing arts. S/U grading only.

Credit Hours

Credit Hours

Min:

1

Lecture Hours

Min:

0

Lab Hours

Min:

2

PHE130A - Fitness, Machine and Free Weight Training

Overview

Course Prefix

PHE

Course Number

130A

Course Title

Fitness, Machine and Free Weight Training

Degree Attributes

Tuition 2 (1T12)

Course Description

Introduction to cardiorespiratory fitness, strength training exercises, and flexibility training. S/U grading only.

Credit Hours

Credit Hours

Min:

1

Lecture Hours

Min:

0

Lab Hours

Min:

2

PHE140J - Pickleball

Overview

Course Prefix

PHE

Course Number

140J

Course Title

Pickleball

Degree Attributes

Tuition 2 (1T12)

Course Description

Beginning to intermediate rules, skills and strategies for Pickleball, a paddleball sport that combines elements of badminton, table tennis, and tennis. Two or four players use solid paddles made of wood or composite materials to hit a perforated polymer ball over a net. S/U grading only.

Credit Hours

Credit Hours

Min:

1

Lecture Hours

Min:

0

Lab Hours

Min:

2

PHE228 - Lifeguard Training

Overview

Course Prefix

PHE

Course Number

228

Course Title

Lifeguard Training

Degree Attributes

Tuition 2 (1T12)

Course Description

Lifeguarding techniques. Meets American Red Cross standards.

Credit Hours

Credit Hours

Min:

2

Lecture Hours

Min:

1

Lab Hours

Min:

2

PHE296 - Internship: Physical Education

Overview

Course Prefix

PHE

Course Number

296

Course Title

Internship: Physical Education

Degree Attributes

Tuition 2 (1T12)

Course Description

Supervised field experience with businesses, corporations, government agencies, schools and community organizations to expand career interests and apply subject knowledge relevant to the workplace. Individualized internship placements to develop personal and professional skills, including professional ethics, leadership, and civic responsibility.

Prerequisite: Student must have a GPA of 2.0; have completed specific degree requirements as required by the program; and have completed the internship application process. [Repeatable for a total of 6 credit hours towards degree/certificate requirements.] S/U grading only.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

0

Lab Hours

Min:

0

Requisites

Simple Requisites

Type

Prerequisite

Fulfill ALL of the following requirements:

Student must have a GPA of 2.0; have completed specific degree requirements as required by the program; and have completed the internship application process.

PHE299 - Independent Study Physical Education

Overview

Course Prefix

PHE

Course Number

299

Course Title

Independent Study Physical Education

Degree Attributes

Tuition 2 (1T12)

Course Description

Supervised special project in this field of study. Approval of supervising Division Dean is required. S/U grading only.

Credit Hours

Credit Hours

Min:

1

Max:

6

Credit Hours

Operator:

TO

Lecture Hours

Min:

0

Lab Hours

Min:

0

PHI101 - Introduction to Philosophy

Overview

Course Prefix

PHI

Course Number

101

Course Title

Introduction to Philosophy

Degree Attributes

Arts & Humanities (AH) (AH), Critical Thinking (2021-99) (CTC), Diversity (2021-99) (DIVC), SUN# PHI 1101 (Z037)

Course Description

Introduction to questions in the major areas of philosophy, including the nature of reality, knowledge, values, and argumentation. Some questions may include: What is a person? What is the mind? Is there an afterlife? Do we have souls? How do you know that your beliefs are true? Does God exist? How can you determine the right way to live? What is the right way to argue? What is happiness? What is the meaning of life? Includes the history and topics of philosophy, critical thinking and the intellectual tools to study these topics in greater depth. Prerequisite: Reading Proficiency.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

3

Lab Hours

Min:

0

Requisites

Simple Requisites

Type

Prerequisite

Fulfill ALL of the following requirements:

Reading Proficiency.

PHI103 - Introduction to Formal Logic

Overview

Course Prefix

PHI

Course Number

103

Course Title

Introduction to Formal Logic

Degree Attributes

Arts & Humanities (AH) (AH), Critical Thinking (2021-99) (CTC), Diversity (2021-99) (DIVC), SUN# PHI 1103 (Z038)

Course Description

Historical and formal study of logical concepts, with emphasis on problem solving through symbolic manipulation. Examination of meaning, definition, induction, deduction, fallacies, validity, truth, and the structure and classification of arguments. Includes a basic introduction to formal techniques for evaluating deductive arguments and scientific reasoning, including syllogistic, propositional, and predicate logic.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

3

Lab Hours

Min:

0

PHI105 - Introduction to Ethics

Overview

Course Prefix

PHI

Course Number

105

Course Title

Introduction to Ethics

Degree Attributes

Arts & Humanities (AH) (AH), Critical Thinking (2021-99) (CTC), Diversity (2021-99) (DIVC), SUN# PHI 1105 (Z039)

Course Description

Examination of the nature of morality and specific moral issues. Questions explored include: What is the foundation of morality? What makes actions either right or wrong? What does it mean to be a good person? What gives life meaning? Why should we try to do the right thing? Topics include: abortion, war, euthanasia, animal rights, happiness, the meaning of life, environmental rights, poverty, sex, feminism, racism, free speech, torture, and the law. Prerequisite: Reading Proficiency.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

3

Lab Hours

Min:

0

Requisites

Simple Requisites

Type

Prerequisite

Fulfill ALL of the following requirements:

Reading Proficiency.

PHI110 - Critical Thinking in the Digital Age

Overview

Course Prefix

PHI

Course Number

110

Course Title

Critical Thinking in the Digital Age

Degree Attributes

Arts & Humanities (AH) (AH), Critical Thinking (2021-99) (CTC), Diversity (2021-99) (DIVC)

Course Description

Introductory study of critical thinking and logic, with emphasis on argumentation, rhetoric, and problem-solving. Examination of language, meaning, definition, fallacies, and arguments as they occur in academic and real-world settings (with an emphasis on online communication, media, and digital environments). Application of logic and critical thinking strategies to contemporary issues and practical problem solving. Prerequisite: Reading Proficiency.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

3

Lab Hours

Min:

0

Requisites

Simple Requisites

Type

Prerequisite

Fulfill ALL of the following requirements:

Reading Proficiency.

PHI204 - Medical Ethics

Overview

Course Prefix

PHI

Course Number

204

Course Title

Medical Ethics

Degree Attributes

Arts & Humanities (AH) (AH), Critical Thinking (2021-99) (CTC), Diversity (2021-99) (DIVC), Written Comm (2021-99) (WCC)

Course Description

Examination of fundamental ethical questions that arise in real situations that health professionals, patients, and community members are likely to face. Students will develop a framework for ethical decision-making in healthcare; learn how to identify relevant ethical principles; and analyze real life ethical dilemmas. Questions asked include: What are the source, meaning, and justification of ethical claims? What kinds of acts are right? How do rules apply to specific situations? What ought to be done in specific situations? Issues that may be discussed include abortion, mental health, human experimentation, treatment refusal, organ transplants, end of life care, euthanasia, and healthcare. Prerequisite: ENG 101 or ENG 101A or ENG 101H. Reading Proficiency.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

3

Lab Hours

Min:

0

PHI210 - Environmental Ethics

Overview

Course Prefix

PHI

Course Number

210

Course Title

Environmental Ethics

Degree Attributes

Arts & Humanities (AH) (AH), Critical Thinking (2021-99) (CTC), Diversity (2021-99) (DIVC), Written Comm (2021-99) (WCC)

Course Description

The history of environmental ethics and philosophical positions dealing with our moral relationship to the natural world. Examination of these relationships by looking at current ethical theories. Topics may include: animal rights, conservation, economic approaches to the environment, access to natural resources, environmental justice and pollution, climate change, technology, and activism. Questions students may explore include: How should humans relate to the natural world? Do we have moral obligations toward non-human animals and other parts of nature? What do we owe other human beings, including future generations? Prerequisite: ENG 101 or ENG 101H. Reading Proficiency.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

3

Lab Hours

Min:

0

PHI220 - Happiness and the Meaning of Life

Overview

Course Prefix

PHI

Course Number

220

Course Title

Happiness and the Meaning of Life

Degree Attributes

Arts & Humanities (AH) (AH), Critical Thinking (2021-99) (CTC), Diversity (2021-99) (DIVC), Written Comm (2021-99) (WCC)

Course Description

Examination of answers to questions about the nature of happiness, including how philosophers have and continue to discuss these issues. Students will consider the relationship between happiness and a meaningful life. Questions explored include: What is happiness or the meaning of life? What is the relationship between happiness, pleasure, and the meaning of life? Can someone tell you how to be happy or how to live meaningfully? Prerequisites: ENG 101, ENG 101A or ENG 101H. Reading Proficiency

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

3

Lab Hours

Min:

0

Requisites

Simple Requisites

Type

Prerequisite

Complete ANY of the following Courses:

- ENG101 - College Composition I
OR ENG101A - College Composition I with Writing Skills Review
OR ENG101H - College Composition I Honors

Reading Proficiency

PHI232 - Business Ethics

Overview

Course Prefix

PHI

Course Number

232

Course Title

Business Ethics

Degree Attributes

Arts & Humanities (AH) (AH), Critical Thinking (2021-99) (CTC)

Course Description

Investigation of ethical problems and solutions in contemporary business practice. Covers ethical theories and how to correctly use ethical decision-making frameworks to resolve issues dealing with personal, social, environmental, and corporate responsibility. Topics include personal morality in profit-oriented enterprises; codes of ethics; obligations to employees and other stakeholders; truth in advertising; whistleblowing and company loyalty; self and government regulation; the logic and future of capitalism; the changing responsibilities of the manager; and the need for awareness of social justice in management and business activities. Prerequisite: Reading Proficiency.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

3

Lab Hours

Min:

0

Requisites

Simple Requisites

Type

Prerequisite

Fulfill ALL of the following requirements:

Reading Proficiency

PHI244 - Existentialism

Overview

Course Prefix

PHI

Course Number

244

Course Title

Existentialism

Degree Attributes

Arts & Humanities (AH) (AH), Critical Thinking (2021-99) (CTC), Diversity (2021-99) (DIVC), Written Comm (2021-99) (WCC)

Course Description

The nature of human existence and our abilities to live meaningful and authentic lives. Emphasis on French, German, Danish, and Russian authors who maintain that life has no inherent meaning that humans can discover, but that we must determine meaning for ourselves. Topics may include: the human condition, the meaning of life, death, self-deception, authenticity, integrity and responsibility, guilt and shame, and love and sexuality. Prerequisites: ENG 101, ENG 101A or ENG 101H. Reading Proficiency

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

3

Lab Hours

Min:

0

Requisites

Simple Requisites

Type

Prerequisite

Complete ANY of the following Courses:

- ENG101 - College Composition I
OR ENG101A - College Composition I with Writing Skills Review
OR ENG101H - College Composition I Honors

Reading Proficiency

PHI296 - Internship: Philosophy

Overview

Course Prefix

PHI

Course Number

296

Course Title

Internship: Philosophy

Course Description

Supervised field experience with businesses, corporations, government agencies, schools and community organizations to expand career interests and apply subject knowledge relevant to the workplace. Individualized internship placements to develop personal and professional skills, including professional ethics, leadership, and civic responsibility. Prerequisite: Student must have a GPA of 2.0; have completed specific degree requirements as required by the program; and have completed the internship application process. [Repeatable for a total of 6 credit hours towards degree/certificate requirements.] S/U grading only.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

0

Lab Hours

Min:

0

Requisites

Simple Requisites

Type

Prerequisite

Fulfill ALL of the following requirements:

Student must have a GPA of 2.0 ; have completed specific degree requirements as required by the program; and have completed the internship application process.

PHI299 - Independent Study Philosophy

Overview

Course Prefix

PHI

Course Number

299

Course Title

Independent Study Philosophy

Course Description

Supervised special project in this field of study. Approval of supervising Division Dean is required.

Credit Hours

Credit Hours

Min:

1

Max:

6

Credit Hours

Operator:

TO

Lecture Hours

Min:

0

Lab Hours

Min:

0

PHY100 - Introduction to Astronomy

Overview

Course Prefix

PHY

Course Number

100

Course Title

Introduction to Astronomy

Degree Attributes

Physical & Biol Science (AGEC) (PBS), Scientific Lit (2021-99) (SLC), Tuition 2 (1T12)

Course Description

Cycles of the sky, astronomical observations, history of astronomy, gravitation, light, optical instruments, stellar evolution and classification, galaxies, cosmological theories, survey of the solar system, and life in the universe. Preparedness Recommendations: one year of high school algebra or passing grade in MAT 092 or satisfactory score on mathematics skills assessment. Prerequisite: Reading Proficiency.

Credit Hours

Credit Hours

Min:

4

Lecture Hours

Min:

3

Lab Hours

Min:

3

Requisites

Simple Requisites

Type

Prerequisite

Fulfill ALL of the following requirements:

Reading Proficiency

PHY111 - General Physics I

Overview

Course Prefix
PHY

Course Number
111

Course Title
General Physics I

Degree Attributes

Natural Sciences (NS) (NS), SUN# PHY 1111 (Z040), Scientific Lit (2021-99) (SLC), Tuition 2 (1T12)

Course Description

Topics include: time and motion studies, forces on stationary and moving objects, waves and sound, heat and energy. Designed for architecture, forestry, pre-med, pre-vet, pharmacy and education students. Prerequisite: MAT 182 and MAT 183, or satisfactory score on mathematics skills assessment.. Reading Proficiency.

Credit Hours

Credit Hours

Min:
4

Lecture Hours

Min:
3

Lab Hours

Min:
3

Requisites

Simple Requisites

Type
Prerequisite

Complete ANY of the following Courses:

- MAT182 - Precalculus (Algebra)
AND MAT183 - Precalculus (Trigonometry)

OR satisfactory score on mathematics skills assessment; and Reading Proficiency

PHY112 - General Physics II

Overview

Course Prefix
PHY

Course Number
112

Course Title
General Physics II

Degree Attributes

Natural Sciences (NS) (NS), SUN# PHY 1112 (Z041), Scientific Lit (2021-99) (SLC), Tuition 2 (1T12)

Course Description

Electricity, magnetism, light, physical optics, geometric optics, and atomic structure. Designed for pre-med, pre-vet, and pharmacy students. Prerequisite: PHY 111. Reading Proficiency.

Credit Hours

Credit Hours

Min:
4

Lecture Hours

Min:
3

Lab Hours

Min:
3

Requisites

Simple Requisites

Type
Prerequisite

Complete ALL of the following Courses:

- PHY111 - General Physics I

Reading Proficiency

PHY150 - Physics for Scientists and Engineers I

Overview

Course Prefix

PHY

Course Number

150

Course Title

Physics for Scientists and Engineers I

Degree Attributes

Physical & Biol Science (AGEC) (PBS), SUN# PHY 1121 (Z065), Scientific Lit (2021-99) (SLC), Tuition 2 (1T12)

Course Description

Principles of mechanics. Kinematics, dynamics, systems of particles, equilibrium, fluids, gravitation, and oscillations, with calculus applications. For engineering and physics majors. Prerequisite: MAT 220 or MAT 221. One year of high school physics or PHY 111/PHY 112 is strongly recommended. Reading Proficiency.

Credit Hours

Credit Hours

Min:

5

Lecture Hours

Min:

4

Lab Hours

Min:

3

Requisites

Simple Requisites

Type

Prerequisite

Complete ALL of the following Courses:

- MAT220 - Calculus and Analytic Geometry I with Review
OR MAT221 - Calculus and Analytic Geometry I

Reading Proficiency

One year of high school physics or [PHY111 General Physics I](#)/[PHY112 General Physics II](#) is strongly recommended.

PHY151 - Physics for Scientists and Engineers II

Overview

Course Prefix

PHY

Course Number

151

Course Title

Physics for Scientists and Engineers II

Degree Attributes

Physical & Biol Science (AGEC) (PBS), SUN# PHY 1131 (Z042), Scientific Lit (2021-99) (SLC), Tuition 2 (1T12)

Course Description

Waves and sound, electromagnetism, circuits, electromagnetic waves, and Maxwell's equations, with calculus applications. For engineering and physics majors. Prerequisite: MAT 230 and PHY 150. Reading Proficiency.

Credit Hours

Credit Hours

Min:

5

Lecture Hours

Min:

4

Lab Hours

Min:

3

Requisites

Simple Requisites

Type

Prerequisite

Complete ALL of the following Courses:

- MAT230 - Calculus and Analytic Geometry II
AND PHY150 - Physics for Scientists and Engineers I

Reading Proficiency

PHY196 - Directed Research: Physics

Overview

Course Prefix

PHY

Course Number

196

Course Title

Directed Research: Physics

Degree Attributes

Tuition 2 (1T12)

Course Description

Faculty or mentor directed student research in an area of current scientific investigation culminating in a final report, paper, or presentation. Students will work in the lab or in the field to gain the intellectual, technical, and practical skills necessary to further the knowledge base in an area of scientific investigation with the objective of contributing to the professional body of scientific knowledge.

Credit Hours

Credit Hours

Min:

1

Max:

3

Credit Hours

Operator:

TO

Lecture Hours

Min:

0

Lab Hours

Min:

0

PHY296 - Internship: Physics

Overview

Course Prefix

PHY

Course Number

296

Course Title

Internship: Physics

Degree Attributes

Tuition 2 (1T12)

Course Description

Supervised field experience with businesses, corporations, government agencies, schools and community organizations to expand career interests and apply subject knowledge relevant to the workplace. Individualized internship placements to develop personal and professional skills, including professional ethics, leadership, and civic responsibility. Prerequisite: Student must have a GPA of 2.0; have completed specific degree requirements as required by the program; and have completed the internship application process. [Repeatable for a total of 6 credit hours towards degree/certificate requirements.] S/U grading only.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

0

Lab Hours

Min:

0

Requisites

Simple Requisites

<p>Type Prerequisite</p> <div style="border: 1px solid black; padding: 5px; margin-top: 10px;"> <p>Fulfill ALL of the following requirements: Student must have a GPA of 2.0; have completed specific degree requirements as required by the program; and have completed the internship application process.</p> </div>

PHY299 - Independent Study Physics

Overview

Course Prefix

PHY

Course Number

299

Course Title

Independent Study Physics

Degree Attributes

Tuition 2 (1T12)

Course Description

Supervised special project in this field of study. Approval of supervising Division Dean is required.

Credit Hours

Credit Hours**Min:**

1

Max:

6

Credit Hours**Operator:**

TO

Lecture Hours**Min:**

0

Lab Hours**Min:**

0

POS100 - Introduction to Political Science

Overview

Course Prefix

POS

Course Number

100

Course Title

Introduction to Political Science

Degree Attributes

Diversity (2021-99) (DIVC), Global/Internl or Historical (GIH), Social & Behavioral Sciences (SBS)

Course Description

Survey of the basic principles, terminology, and methods of political science with an analysis of contemporary issues. Discussion of the issues and processes involved in political activity utilizing a comparative perspective of different countries. Introduces basic concepts, terms, theories and important figures. Prerequisite: Reading Proficiency.

Credit Hours

Credit Hours**Min:**

3

Lecture Hours**Min:**

3

POS110 - American National Government

Overview

Course Prefix

POS

Course Number

110

Course Title

American National Government

Degree Attributes

Diversity (2021-99) (DIVC), Institutions in the Americas (IA), SUN# POS 1110 (Z043)

Course Description

Introduction to the historical backgrounds, governing principles, and institutions of the United States national government. Topics include the basic concepts, institutions and substance of American politics: separation of powers, representational democracy, rule of law, equality under law, federalism, public opinion interest groups and the election process. Exploration of the cultural and racial environment, impact of gender, class and immigration status, the rights of American Indians/Native peoples and Tribal Nations and the expansion of civil liberties for all Americans. Prerequisite: Reading Proficiency.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

3

Lab Hours

Min:

0

POS110H - American National Government-Honors

Overview

Course Prefix

POS

Course Number

110H

Course Title

American National Government-Honors

Degree Attributes

Diversity (2021-99) (DIVC), Institutions in the Americas (IA)

Course Description

Introduction to the historical backgrounds, governing principles, and institutions of the United States national government. Topics include the basic concepts, institutions and substance of American politics: separation of powers, representational democracy, rule of law, equality under law, federalism, public opinion interest groups and the election process. Exploration of the cultural and racial environment, impact of gender, class and immigration status, the rights of American Indians/Native peoples and Tribal Nations and the expansion of civil liberties for all Americans. Prerequisite: Reading Proficiency. Acceptance into Honors Program.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

3

Lab Hours

Min:

0

Requisites

Simple Requisites

Type

Prerequisite

Fulfill ALL of the following requirements:

Reading Proficiency. Acceptance into the Honors Program.

POS120 - World Politics

Overview

Course Prefix

POS

Course Number

120

Course Title

World Politics

Degree Attributes

Diversity (2021-99) (DIVC), Global/Internl or Historical (GIH), Social & Behavioral Sciences (SBS)

Course Description

Introduction to the principles and issues relating to the study of international relations and world politics. Evaluation of the political, economic, national, and transnational rationale for international interactions. Examination of key issues in world politics, including power, war, hegemony, international institutions, trade, and environmental issues.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

3

PSY101 - Introductory Psychology

Overview

Course Prefix

PSY

Course Number

101

Course Title

Introductory Psychology

Degree Attributes

Behavioral Science (2009-2019) (BEHV), Critical Thinking (2021-99) (CTC), SUN# PSY 1101 (Z044), Social & Behavioral Sciences (SBS)

Course Description

Introduction to psychology through such topics as the scientific method in psychology, survey of different fields in psychology, heredity and environment, intelligence, emotions, motivation, nervous system, and learning processes.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

3

Lab Hours

Min:

0

PSY210 - Brain and Behavior

Overview

Course Prefix
PSY

Course Number
210

Course Title
Brain and Behavior

Course Description

Investigation of the human brain and how it affects our behavior. Includes optical illusions, hallucinations, phantom limb, biological drives and the ability to remember and forget. Observable behavior in mental disorders such as schizophrenia and anxiety, the chemical processes in the brain, and the effects of illegal and prescription drugs on the human body and its various systems. Prerequisite: PSY 101. Reading Proficiency.

Credit Hours

Credit Hours

Min:
3

Lecture Hours

Min:
3

Lab Hours

Min:
0

Requisites

Simple Requisites

Type
Prerequisite

Complete ALL of the following Courses:

- PSY101 - Introductory Psychology

Reading Proficiency. PSY101 may be taken concurrently.

PSY230 - Introduction to Statistics in the Social and Behavioral Sciences

Overview

Course Prefix
PSY

Course Number
230

Course Title

Introduction to Statistics in the Social and Behavioral Sciences

Degree Attributes

Quantitative Lit (2021-99) (QLC), Quantitative Reasoning (QR) (QR)

Course Description

Basic concepts of statistical analysis and design in social and behavioral science research. This course is cross-listed with SOC 230. Prerequisite: MAT 142 or MAT 152 or satisfactory score on the mathematics skills assessment.

Credit Hours

Credit Hours

Min:
3

Lecture Hours

Min:
3

Lab Hours

Min:
0

Requisites

Simple Requisites

Type
Prerequisite

Complete ALL of the following Courses:

- MAT142 - College Mathematics
OR MAT152 - College Algebra

OR satisfactory score on the mathematics skills assessment

PSY234 - Child Development

Overview

Course Prefix

PSY

Course Number

234

Course Title

Child Development

Degree Attributes

Behavioral Science (2009-2019) (BEHV), Social & Behavioral Sciences (SBS), Written Comm (2021-99) (WCC)

Course Description

Exploration of children's development from conception through adolescence, assuming a transactional approach to understanding development focusing on family relationships, brain development, social/emotional development, and the role of culture in child development. Examination of major developmental themes and theories of child development utilizing scientific methods of inquiry and viewed through a cultural lens. Risk and protective factors are analyzed with respect to the interplay of attachment, brain development, and social-emotional development. Developmental periods include prenatal, infancy, toddlerhood, preschool years, middle childhood, and adolescence, with an examination of biological influences, cognition, behavioral characteristics, social interaction, and cultural resources typified at each developmental period. This course requires 5 face-to-face observation hours in early childhood and elementary settings. This course is cross-listed with ECE 234.

Credit Hours**Credit Hours****Min:**

3

Lecture Hours**Min:**

3

Lab Hours**Min:**

0

PSY241 - Substance Abuse

Overview

Course Prefix

PSY

Course Number

241

Course Title

Substance Abuse

Course Description

Study of the physical, social, and psychological effects of substance abuse. The effects of substance abuse on the criminal justice system.

Credit Hours**Credit Hours****Min:**

3

Lecture Hours**Min:**

3

Lab Hours**Min:**

0

PSY245 - Human Growth and Development

Overview

Course Prefix

PSY

Course Number

245

Course Title

Human Growth and Development

Degree Attributes

Social & Behavioral Sciences (SBS), Written Comm (2021-99) (WCC)

Course Description

Study of physical, intellectual, moral, emotional, personality, and social development of the human being, beginning with conception and continuing through childhood, adolescence, adulthood, old age, and dying. Emphasis on quantitative and qualitative ways people change throughout the life span and factors which contribute to human diversity as well as to individual uniqueness. Research methods appropriate to the study of human development are also considered. Prerequisite: Reading Proficiency.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

3

Lab Hours

Min:

0

Requisites

Simple Requisites

Type

Prerequisite

Fulfill ALL of the following requirements:

Reading Proficiency.

PSY250 - Social Psychology

Overview

Course Prefix

PSY

Course Number

250

Course Title

Social Psychology

Course Description

The study of how our thoughts, feelings, and actions are affected by our social environment. Emphasis on prejudice, conformity, altruism, interpersonal interaction, and the influence of the media. Prerequisite: PSY 101 (may be taken concurrently). Reading Proficiency.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

3

Lab Hours

Min:

0

Requisites

Simple Requisites

Type

Prerequisite

Complete ALL of the following Courses:

- PSY101 - Introductory Psychology

Reading Proficiency. PSY101 may be taken concurrently.

PSY266 - Abnormal Psychology

Overview

Course Prefix

PSY

Course Number

266

Course Title

Abnormal Psychology

Course Description

Introduction to psychopathology, the scientific study of mental disorders. Assumes an integrative approach incorporating the contributions of genetic, neuroscience, behavioral, cognitive, emotions, cultural, social, and interpersonal factors in the exploration of the dimensions of psychopathology. Survey of symptoms, classification, prevalence, etiology, and treatment of the DSM-5 mental disorders including anxiety, mood, somatoform, dissociative, eating, sexual dysfunction, personality, schizophrenia, neurodevelopmental, and neurocognitive disorders. Prerequisite: PSY 101. Reading Proficiency.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

3

Lab Hours

Min:

0

Requisites

Simple Requisites

Type

Prerequisite

Complete ALL of the following Courses:

- PSY101 - Introductory Psychology

Reading Proficiency.

PSY290 - Research Methods

Overview

Course Prefix

PSY

Course Number

290

Course Title

Research Methods

Degree Attributes

SUN# PSY 2290 (Z069)

Course Description

Planning, execution, analysis, and written reporting of psychological research. Surveys the literature, procedures, and instruments in representative areas of psychological research. Prerequisite: PSY 101.

Credit Hours

Credit Hours

Min:

4

Lecture Hours

Min:

4

Lab Hours

Min:

0

Requisites

Simple Requisites

Type

Prerequisite

Complete ALL of the following Courses:

- PSY101 - Introductory Psychology

PSY290H - Research Methods Honors

Overview

Course Prefix
PSY

Course Number
290H

Course Title
Research Methods Honors

Course Description
Planning, execution, analysis, and written reporting of psychological research. Surveys the literature, procedures, and instruments in representative areas of psychological research. Prerequisite: PSY 101. Reading Proficiency. Acceptance into Honors Program.

Credit Hours

Credit Hours

Min:
4

Lecture Hours

Min:
4

Lab Hours

Min:
0

Requisites

Simple Requisites

Type
Prerequisite

Complete ALL of the following Courses:

- PSY101 - Introductory Psychology

Reading Proficiency.

Acceptance into the Honors Program.

PSY296 - Internship: Psychology

Overview

Course Prefix
PSY

Course Number
296

Course Title
Internship: Psychology

Course Description
Supervised field experience with businesses, corporations, government agencies, schools and community organizations to expand career interests and apply subject knowledge relevant to the workplace. Individualized internship placements to develop personal and professional skills, including professional ethics, leadership, and civic responsibility. Student must have a GPA of 2.0; have completed specific degree requirements as required by the program; and have completed the internship application process. [Repeatable for a total of 6 credit hours towards degree/certificate requirements.] S/U grading only.

Credit Hours

Credit Hours

Min:
3

Lecture Hours

Min:
0

Lab Hours

Min:
0

Requisites

Simple Requisites

Type
Prerequisite

Fulfill ALL of the following requirements:
Student must have a GPA of 2.0; have completed specific degree requirements as required by the program; and have completed the internship application process.

PSY299 - Independent Study Psychology

Overview

Course Prefix
PSY

Course Number
299

Course Title
Independent Study Psychology

Course Description
Supervised special project in this field of study. Approval of supervising Division Dean is required.

Credit Hours

Credit Hours

Min:
1

Max:
6

**Credit Hours
Operator:**
TO

Lecture Hours

Min:
0

Lab Hours

Min:
0

PUB310 - Current Issues & Trends in Public Safety

Overview

Course Prefix
PUB

Course Number
310

Course Title
Current Issues & Trends in Public Safety

Degree Attributes
Tuition 5 (1T15)

Course Description

Examine contemporary challenges in public safety with emphasis on evidence-based practices, technological innovation, policy impacts, and workforce development to prepare professionals for emerging trends and complex issues.

Credit Hours

Credit Hours

Min:
3

Lecture Hours

Min:
3

Lab Hours

Min:
0

PUB330 - Adaptive Leadership in Public Safety

Overview

Course Prefix

PUB

Course Number

330

Course Title

Adaptive Leadership in Public Safety

Degree Attributes

Tuition 5 (1T15)

Course Description

Examines principles of adaptive leadership in public safety, emphasizing strategies for navigating complexity and change while sustaining organizational stability, fostering innovation and culture, and addressing evolving community needs.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

3

Lab Hours

Min:

0

PUB350 - Emergency Operations & Crisis Management

Overview

Course Prefix

PUB

Course Number

350

Course Title

Emergency Operations & Crisis Management

Degree Attributes

Tuition 5 (1T15)

Course Description

Provides a study of emergency operations and crisis management with a focus on preparedness, response, recovery, and mitigation, emphasizing interagency collaboration, continuity of operations, and crisis communication.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

3

Lab Hours

Min:

0

PUB370 - Community Engagement & Crisis Communication

Overview

Course Prefix

PUB

Course Number

370

Course Title

Community Engagement & Crisis Communication

Degree Attributes

Tuition 5 (1T15)

Course Description

Focuses on strategies for trust-building, collaboration, and crisis communication in public safety, emphasizing community engagement, organizational credibility, ethical and legal considerations, media relations, and the use of technology and social media.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

3

Lab Hours

Min:

0

PUB390 - Multi-Agency Response & Coordination

Overview

Course Prefix

PUB

Course Number

390

Course Title

Multi-Agency Response & Coordination

Degree Attributes

Tuition 5 (1T15)

Course Description

Examines interagency collaboration in public safety with emphasis on planning and coordinating multi-agency responses, addressing legal and ethical issues, intergovernmental agreements, and communication challenges to strengthen coordinated, community-focused outcomes.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

3

Lab Hours

Min:

0

PUB410 - Emergency Policy & Governance

Overview

Course Prefix

PUB

Course Number

410

Course Title

Emergency Policy & Governance

Degree Attributes

Tuition 5 (1T15)

Course Description

Examines policies, legal frameworks, and governance in public safety, emphasizing law, ethics, regulatory compliance, and interagency collaboration while analyzing how policy decisions shape preparedness, response, recovery, and mitigation.

Credit Hours**Credit Hours****Min:**

3

Lecture Hours**Min:**

3

Lab Hours**Min:**

0

PUB430 - Incident Investigation & After-Action Reporting

Overview

Course Prefix

PUB

Course Number

430

Course Title

Incident Investigation & After-Action Reporting

Degree Attributes

Tuition 5 (1T15)

Course Description

Focuses on investigative practices and reporting after critical public safety incidents, emphasizing evidence collection, legal and ethical considerations, interagency collaboration, and development of after-action reports to improve future operations.

Credit Hours**Credit Hours****Min:**

3

Lecture Hours**Min:**

3

Lab Hours**Min:**

0

PUB450 - Grant Writing & Public Safety Funding Strategies

Overview

Course Prefix

PUB

Course Number

450

Course Title

Grant Writing & Public Safety Funding Strategies

Degree Attributes

Tuition 5 (1T15)

Course Description

Examines grant writing and funding strategies in public safety, emphasizing budget management, identifying opportunities, developing proposals, ensuring compliance, and managing funds to support organizational goals and community priorities.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

3

Lab Hours

Min:

0

PUB470 - Public Safety Leadership & Administration

Overview

Course Prefix

PUB

Course Number

470

Course Title

Public Safety Leadership & Administration

Degree Attributes

Tuition 5 (1T15)

Course Description

Explores leadership theories and strategic decision-making in public safety, emphasizing ethics, organizational management, transformational and servant leadership, personnel development, and innovation in high-stakes environments.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

3

Lab Hours

Min:

0

PUB490 - Capstone: Applied Public Safety Project

Overview

Course Prefix
PUB

Course Number
490

Course Title
Capstone: Applied Public Safety Project

Degree Attributes
Tuition 5 (1T15)

Course Description
Serves as the culminating experience in which students integrate program knowledge and competencies to design, implement, and present an applied project addressing contemporary public safety challenges, with emphasis on research, evidence-based practices, leadership, and professional communication. Prerequisite: PUB 470 (may be taken concurrently).

Credit Hours

Credit Hours

Min:
3

Lecture Hours

Min:
3

Lab Hours

Min:
0

Requisites

Simple Requisites

<p>Type Prerequisite</p> <p>Complete ALL of the following Courses:</p> <ul style="list-style-type: none">• PUB470 - Public Safety Leadership & Administration <p><i>Prerequisite course may be taken concurrently with PUB490.</i></p>
--

RAD100 - Introduction to Medical Imaging

Overview

Course Prefix
RAD

Course Number
100

Course Title
Introduction to Medical Imaging

Degree Attributes
Tuition 3 (1T13)

Course Description
Foundations of medical imaging and the practitioner's role in the health care delivery system. Includes an examination of the health care environment, radiography education, and related organizational topics. Ethical and legal considerations, and an introduction to patient care principles. Prerequisite: Program Admission. BIO 160 (may be taken concurrently).

Credit Hours

Credit Hours

Min:
2

Lecture Hours

Min:
2

Lab Hours

Min:
0

Requisites

Simple Requisites

<p>Type Prerequisite</p> <p>Complete ALL of the following Courses:</p> <ul style="list-style-type: none">• BIO160 - Introduction to Human Anatomy and Physiology <p>Program Admission</p> <p><i>Prerequisite course may be taken concurrently with RAD100.</i></p>
--

RAD101 - Limited Radiographic Positioning I

Overview

Course Prefix

RAD

Course Number

101

Course Title

Limited Radiographic Positioning I

Degree Attributes

Tuition 3 (1T13)

Course Description

Fundamentals of radiographic positioning for the upper and lower extremities, shoulder girdle, and chest. Prerequisite: Program Admission. BIO 160 or BIO 201 (may be taken concurrently).

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

3

Lab Hours

Min:

0

Requisites

Simple Requisites

Type

Prerequisite

Complete ANY of the following Courses:

- BIO160 - Introduction to Human Anatomy and Physiology
OR BIO201 - Human Anatomy and Physiology I

Program Admission.

Prerequisite courses may be taken concurrently with RAD101.

RAD103 - Limited Radiographic Positioning II

Overview

Course Prefix

RAD

Course Number

103

Course Title

Limited Radiographic Positioning II

Degree Attributes

Tuition 3 (1T13)

Course Description

Fundamentals in radiographic positioning of the vertebral column, cranium/sinuses, abdomen, pelvis. Includes procedural considerations for age-specific and trauma imaging. Prerequisites: RAD 101 and RAD 105.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

3

Lab Hours

Min:

0

Requisites

Simple Requisites

Type

Prerequisite

Complete ALL of the following Courses:

- RAD101 - Limited Radiographic Positioning I
- RAD105 - Limited Radiographic Positioning Lab I

RAD104 - Limited Radiographic Positioning Lab II

Overview

Course Prefix

RAD

Course Number

104

Course Title

Limited Radiographic Positioning Lab II

Degree Attributes

Tuition 3 (1T13)

Course Description

Application of radiographic positioning for the vertebral column, cranium/sinuses, abdomen, pelvis. Includes procedural considerations for age-specific and trauma imaging. Prerequisites: RAD 101 and RAD 105.

Credit Hours

Credit Hours

Min:

2

Lecture Hours

Min:

0

Lab Hours

Min:

6

Requisites

Simple Requisites

Type

Prerequisite

Complete ALL of the following Courses:

- RAD101 - Limited Radiographic Positioning I
- RAD105 - Limited Radiographic Positioning Lab I

RAD105 - Limited Radiographic Positioning Lab I

Overview

Course Prefix

RAD

Course Number

105

Course Title

Limited Radiographic Positioning Lab I

Degree Attributes

Tuition 3 (1T13)

Course Description

Application of radiographic positioning for the upper and lower extremities, shoulder girdle, and chest. Prerequisites: Program Admission. BIO 160 or BIO 201.

Credit Hours

Credit Hours

Min:

1

Lecture Hours

Min:

0

Lab Hours

Min:

3

Requisites

Simple Requisites

Type

Prerequisite

Complete ALL of the following Courses:

- BIO160 - Introduction to Human Anatomy and Physiology
OR BIO201 - Human Anatomy and Physiology I

Program Admission.

RAD111 - Radiographic Positioning I

Overview

Course Prefix

RAD

Course Number

111

Course Title

Radiographic Positioning I

Degree Attributes

Tuition 3 (1T13)

Course Description

Fundamentals of radiographic positioning for the upper and lower extremities, shoulder girdle, chest, pelvis, pelvic girdle, and abdomen. Prerequisite: Program Admission.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

3

Lab Hours

Min:

0

Requisites

Simple Requisites

Type

Prerequisite

Fulfill ALL of the following requirements:

Program Admission

RAD112 - Radiographic Positioning Lab I

Overview

Course Prefix

RAD

Course Number

112

Course Title

Radiographic Positioning Lab I

Degree Attributes

Tuition 3 (1T13)

Course Description

Application of radiographic positioning for the upper and lower extremities, shoulder girdle, chest, pelvis, pelvic girdle, and abdomen. Prerequisite: Program Admission.

Credit Hours

Credit Hours

Min:

2

Lecture Hours

Min:

0

Lab Hours

Min:

6

Requisites

Simple Requisites

Type

Prerequisite

Fulfill ALL of the following requirements:

Program Admission

RAD115 - Introduction to Bone Densitometry

Overview

Course Prefix

RAD

Course Number

115

Course Title

Introduction to Bone Densitometry

Degree Attributes

Tuition 3 (1T13)

Course Description

This course offers an introduction to the foundations of Bone Densitometry. Designed to support skill development in specific content areas and to ensure that entry-level bone densitometry technologists.

Credit Hours

Credit Hours

Min:

1

Lecture Hours

Min:

1

Lab Hours

Min:

0

RAD135 - Radiation Physics and Equipment

Overview

Course Prefix

RAD

Course Number

135

Course Title

Radiation Physics and Equipment

Degree Attributes

Tuition 3 (1T13)

Course Description

Radiation production and its characteristics, including the fundamentals of atomic structure and concepts related to radiation as well as photon interactions with matter. Additionally, the basics of imaging systems and quality control in radiography.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

3

Lab Hours

Min:

0

RAD141 - Radiographic Positioning II

Overview

Course Prefix

RAD

Course Number

141

Course Title

Radiographic Positioning II

Degree Attributes

Tuition 3 (1T13)

Course Description

Fundamentals of radiographic positioning of the vertebral column, cranium, and bony thorax. Emphasis on contrast studies of the urinary and digestive systems, and imaging during trauma and surgery. Includes procedural considerations for age-specific imaging.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

3

Lab Hours

Min:

0

RAD142 - Radiographic Positioning Lab II

Overview

Course Prefix

RAD

Course Number

142

Course Title

Radiographic Positioning Lab II

Degree Attributes

Tuition 3 (1T13)

Course Description

Fundamentals of radiographic positioning of the vertebral column, cranium, and bony thorax. Emphasis on contrast studies of urinary and digestive systems, and imaging during trauma and surgery. Includes procedural considerations for arthrography, myelography, venography, and age-specific imaging.

Credit Hours

Credit Hours

Min:

2

Lecture Hours

Min:

0

Lab Hours

Min:

6

RAD158 - Radiographic Image Production

Overview

Course Prefix

RAD

Course Number

158

Course Title

Radiographic Image Production

Degree Attributes

Tuition 3 (1T13)

Course Description

Essential knowledge about the role of a radiologic technologist in image production. Fundamentals of atomic structure, terminology, and the key factors that influence the image production process. Inclusive of technique chart development, quality assurance, and maintenance.

Credit Hours**Credit Hours****Min:**

2

Lecture Hours**Min:**

2

Lab Hours**Min:**

0

RAD161 - Radiology Clinical Education I

Overview

Course Prefix

RAD

Course Number

161

Course Title

Radiology Clinical Education I

Degree Attributes

Tuition 3 (1T13)

Course Description

Supervised clinical assignments follow a structured approach involving observation, assistance, and the achievement of specific radiographic competency benchmarks over the course of a semester. These experiences are designed to help students develop essential skills in patient care and radiographic positioning through a competency-based approach.

Credit Hours**Credit Hours****Min:**

3

Lecture Hours**Min:**

0

Lab Hours**Min:**

9

RAD162 - Radiology Clinical Education II

Overview

Course Prefix

RAD

Course Number

162

Course Title

Radiology Clinical Education II

Degree Attributes

Tuition 3 (1T13)

Course Description

Supervised clinical assignments following a structured approach involving observation, assistance, and the achievement of specific radiographic competency benchmarks over the course of a semester. These experiences are designed to help students develop essential skills in patient care and radiographic positioning through a competency-based approach.

Credit Hours

Credit Hours

Min:

4

Lecture Hours

Min:

0

Lab Hours

Min:

12

RAD170 - Radiology Patient Care and Pharmacology

Overview

Course Prefix

RAD

Course Number

170

Course Title

Radiology Patient Care and Pharmacology

Degree Attributes

Tuition 3 (1T13)

Course Description

Concepts of patient care with consideration for the physical and psychological needs of the patient and family. Includes the practice in the application of routine and emergency patient care procedures, infection control procedures, venipuncture, patient education, as well as the basic concepts of pharmacology within radiology. Prerequisite: Program Admission.

Credit Hours

Credit Hours

Min:

2

Lecture Hours

Min:

2

Lab Hours

Min:

0

Requisites

Simple Requisites

Type

Prerequisite

Fulfill ALL of the following requirements:

Program Admission

RAD175 - Radiation Biology and Protection

Overview

Course Prefix

RAD

Course Number

175

Course Title

Radiation Biology and Protection

Degree Attributes

Tuition 3 (1T13)

Course Description

Principles of the interaction of ionizing radiation and biological systems. Includes concepts of radiation protection.

Credit Hours

Credit Hours

Min:

2

Lecture Hours

Min:

2

Lab Hours

Min:

0

RAD185 - Radiographic Image Analysis

Overview

Course Prefix

RAD

Course Number

185

Course Title

Radiographic Image Analysis

Degree Attributes

Tuition 3 (1T13)

Course Description

Foundations for the analysis of radiographic images. Encompasses the significance of maintaining optimal imaging standards, employing problem-solving techniques for image assessment, and understanding the factors that influence image quality.

Credit Hours

Credit Hours

Min:

2

Lecture Hours

Min:

2

Lab Hours

Min:

0

RAD201 - Radiology Clinical Education III

Overview

Course Prefix

RAD

Course Number

201

Course Title

Radiology Clinical Education III

Degree Attributes

Tuition 3 (1T13)

Course Description

Supervised clinical assignments follow a structured approach involving observation, assistance, and the achievement of specific radiographic competency benchmarks over the course of a semester. These experiences are designed to help students develop essential skills in patient care and radiographic positioning through a competency-based approach.

Credit Hours

Credit Hours

Min:

4

Lecture Hours

Min:

0

Lab Hours

Min:

12

RAD202 - Radiology Clinical Education IV

Overview

Course Prefix

RAD

Course Number

202

Course Title

Radiology Clinical Education IV

Degree Attributes

Tuition 3 (1T13)

Course Description

Supervised clinical assignments following a structured approach involving observation, assistance, and the achievement of specific radiographic competency benchmarks over the course of a semester. These experiences are designed to help students develop essential skills in patient care and radiographic positioning through a competency-based approach.

Credit Hours

Credit Hours

Min:

4

Lecture Hours

Min:

0

Lab Hours

Min:

12

RAD215 - Advanced Imaging Systems

Overview

Course Prefix

RAD

Course Number

215

Course Title

Advanced Imaging Systems

Degree Attributes

Tuition 3 (1T13)

Course Description

Overview of the diverse fields of medical imaging. Provides the opportunity to observe and assist in various disciplines within the radiology department at the assigned clinical placement.

Credit Hours

Credit Hours

Min:

2

Lecture Hours

Min:

2

Lab Hours

Min:

0

RAD250 - Radiographic Pathology

Overview

Course Prefix

RAD

Course Number

250

Course Title

Radiographic Pathology

Degree Attributes

Tuition 3 (1T13)

Course Description

Concepts of disease and the etiology of selected pathologic conditions. Emphasis on the radiographic appearance of various diseases and the influence of pathologic conditions on exposure factor selection.

Credit Hours

Credit Hours

Min:

2

Lecture Hours

Min:

2

Lab Hours

Min:

0

RAD255 - Radiology Registry Prep and Professional Development

Overview

Course Prefix
RAD

Course Number
255

Course Title

Radiology Registry Prep and Professional Development

Degree Attributes

Tuition 3 (1T13)

Course Description

Comprehensive review of standard subject materials to prepare students for the American Registry of Radiologic Technologists (ARRT) Examination. Includes guidance on resume building, honing interview skills, and exploring opportunities for continuing education.

Credit Hours

Credit Hours

Min:
3

Lecture Hours

Min:
3

Lab Hours

Min:
0

RAD299 - Independent Study Radiologic Technology

Overview

Course Prefix
RAD

Course Number
299

Course Title

Independent Study Radiologic Technology

Degree Attributes

Tuition 3 (1T13)

Course Description

Supervised special project in this field of study. Approval of supervising Division Dean is required.

Credit Hours

Credit Hours

Min:
1

Max:
6

Credit Hours Operator:
TO

Lecture Hours

Min:
0

Lab Hours

Min:
0

REC105 - Recreation Workshop:

Overview

Course Prefix

REC

Course Number

105

Course Title

Recreation Workshop:

Degree Attributes

Tuition 2 (1T12)

Course Description

A group class providing opportunities to learn new skills and activities, increase physical strength, fitness, well-being and promote balance in daily life. By introducing and encouraging these recreational activities, the goal is to develop a life-long interest in recreational pursuits, health and fitness. S/U grading only.

Credit Hours**Credit Hours****Min:**

0.5

Lecture Hours**Min:**

0

Lab Hours**Min:**

1

REC140 - Aboriginal Living Skills

Overview

Course Prefix

REC

Course Number

140

Course Title

Aboriginal Living Skills

Degree Attributes

Tuition 2 (1T12)

Course Description

Introduction to Southwestern primitive skills. Creating fire with sticks, making and using basic stone tools, building primitive shelters, using plant fibers for rope and other utilitarian utensils. All students should be prepared for light hiking with a backpack. S/U grading only.

Credit Hours**Credit Hours****Min:**

2

Lecture Hours**Min:**

1

Lab Hours**Min:**

2

REC142 - Outdoor Survival Skills

Overview

Course Prefix

REC

Course Number

142

Course Title

Outdoor Survival Skills

Degree Attributes

Tuition 2 (1T12)

Course Description

Adapting to outdoor emergencies using modern fire lighting techniques, natural shelter construction, locating and disinfecting water and signaling for rescue. S/U grading only.

Credit Hours

Credit Hours

Min:

2

Lecture Hours

Min:

1

Lab Hours

Min:

2

REC145 - Wilderness Advanced First Aid

Overview

Course Prefix

REC

Course Number

145

Course Title

Wilderness Advanced First Aid

Degree Attributes

Tuition 2 (1T12)

Course Description

Principles and skills to make critical first aid and evacuation decisions and take appropriate action in remote locations where medical assistance is more than one hour away.

Credit Hours

Credit Hours

Min:

2

Lecture Hours

Min:

1

Lab Hours

Min:

2

REL101 - Introduction to World Religions

Overview

Course Prefix

REL

Course Number

101

Course Title

Introduction to World Religions

Degree Attributes

Arts & Humanities (AH) (AH), Diversity (2021-99) (DIVC), Ethnic, Race & Gender (ERG), Global/Internl or Historical (GIH), SUN# REL 1101 (Z077)

Course Description

Introduction to the history of religious traditions of the world, including Buddhism, Christianity, Hinduism, Islam, Judaism, Confucianism, Daoism, as well as indigenous traditions. Exploration of the diversity of religions and religious experiences across the globe. Essential features of each tradition and how different religions have responded to basic human needs, including the cultural contexts in which they developed. Prerequisite: Reading Proficiency.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

3

Lab Hours

Min:

0

Requisites

Simple Requisites

Type

Prerequisite

Fulfill ALL of the following requirements:

Reading Proficiency

REL200 - Asian Mysticism

Overview

Course Prefix

REL

Course Number

200

Course Title

Asian Mysticism

Degree Attributes

Arts & Humanities (AH) (AH), Diversity (2021-99) (DIVC), Written Comm (2021-99) (WCC)

Course Description

Fundamental theories of Indian, Chinese, and Japanese metaphysics, epistemology, ethics, and aesthetics. Exploration of the mystical traditions and spiritual practices of yoga and meditation in the Asian traditions, including Hinduism, Buddhism, Confucianism, and Taoism. Prerequisites: ENG 101 or ENG 101H. Reading Proficiency.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

3

Lab Hours

Min:

0

Requisites

Simple Requisites

Type

Prerequisite

Complete ALL of the following Courses:

- ENG101 - College Composition I
OR ENG101A - College Composition I with Writing Skills Review

Reading Proficiency.

REL203 - Native Religions of the World

Overview

Course Prefix

REL

Course Number

203

Course Title

Native Religions of the World

Degree Attributes

Arts & Humanities (AH) (AH), Diversity (2021-99) (DIVC), Written Comm (2021-99) (WCC)

Course Description

Examination of the kinds of religious experience found among native aboriginal peoples (often called "tribal" or "indigenous" peoples). Analysis of the religious traditions of both modern and archaic native peoples and the relationship of their religious experience to other forms of experience (social, economic, political, and cultural). Prerequisite: ENG 101 or ENG 101A or ENG 101H. Reading Proficiency.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

3

Lab Hours

Min:

0

Requisites

Simple Requisites

Type

Prerequisite

Complete ALL of the following Courses:

- ENG101 - College Composition I
OR ENG101A - College Composition I with Writing Skills Review
OR ENG101H - College Composition I Honors

Reading Proficiency.

REL205 - Life, Sex, and Death

Overview

Course Prefix

REL

Course Number

205

Course Title

Life, Sex, and Death

Degree Attributes

Arts & Humanities (AH) (AH), Diversity (2021-99) (DIVC), Written Comm (2021-99) (WCC)

Course Description

Development of the vocabulary and conceptual frameworks for thinking and discussing life, sex, and death, arguably the most significant and misunderstood aspects of human experience, by looking to religion, philosophy, film, anthropology, and literature. Examination of the ways that humans have understood the transformative experiences of birth, sexual maturity, death, and the passing of generations as discussed by the world traditions. Prerequisites: ENG 101 or ENG 101A or ENG 101H. Reading Proficiency. Due to the course's subject matter, students must be at least 18 years of age to take course.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

3

Lab Hours

Min:

0

Requisites

Simple Requisites

Type

Prerequisite

Complete ANY of the following Courses:

- ENG101 - College Composition I
OR ENG101A - College Composition I with Writing Skills Review
OR ENG101H - College Composition I Honors

Reading Proficiency.

Due to the course's subject matter, students must be at least 18 years of age to take course.

REL207 - Death and Dying

Overview

Course Prefix

REL

Course Number

207

Course Title

Death and Dying

Degree Attributes

Arts & Humanities (AH) (AH), Diversity (2021-99) (DIVC)

Course Description

Introduction to the academic study of issues surrounding religion, culture, death, dying, and bereavement. Engages death and dying from the perspective of various religious traditions, both in terms of doctrinal belief and lived practice. Examines death practices in various global locations. Explores personal narratives of death and grief in contemporary society and asks questions about what makes life worth living. Topics may include: the social impact of COVID-19, physician-assisted dying, shifting funerary practices, and the scientific pursuit of immortality. Prerequisite: Reading Proficiency.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

3

Lab Hours

Min:

0

Requisites

Simple Requisites

Type

Prerequisite

Fulfill ALL of the following requirements:

Reading Proficiency.

REL261 - Buddhism

Overview

Course Prefix

REL

Course Number

261

Course Title

Buddhism

Course Description

An introductory survey of the Buddhist tradition, emphasizing its origin and development in Asia. Surveys doctrinal developments including the Theravāda, Mahāyāna, and Vajrayāna paths, beginning with the legend of the Buddha and the formation of the monastic community. Prerequisite: Reading Proficiency.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

3

Lab Hours

Min:

0

Requisites

Simple Requisites

Type

Prerequisite

Fulfill ALL of the following requirements:

Reading Proficiency.

REL270 - Christianity

Overview

Course Prefix

REL

Course Number

270

Course Title

Christianity

Degree Attributes

Arts & Humanities (AH) (AH), Diversity (2021-99) (DIVC)

Course Description

Introduction to the history and complexities of Christianity. Emphasis on what underlies the enduring fabric of Christianity, the tensions straining it today, and its relationship with modernity. Prerequisite: Reading Proficiency.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

3

Lab Hours

Min:

0

Requisites

Simple Requisites

Type

Prerequisite

Fulfill ALL of the following requirements:

Reading Proficiency.

REL299 - Independent Study Religious Studies

Overview

Course Prefix

REL

Course Number

299

Course Title

Independent Study Religious Studies

Course Description

Supervised special project in this field of study. Approval of supervising Division Dean is required.

Credit Hours

Credit Hours

Min:

1

Max:

6

Credit Hours

Operator:

TO

Lecture Hours

Min:

0

Lab Hours

Min:

0

SOC101 - Introduction to Sociology

Overview

Course Prefix

SOC

Course Number

101

Course Title

Introduction to Sociology

Degree Attributes

Diversity (2021-99) (DIVC), SUN# SOC 1101 (Z046), Social & Behavioral Sciences (SBS)

Course Description

Study of human behavior from the sociological perspective. Areas of emphasis include society, culture, social structure, social institutions, socialization, and forms of social stratification.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

3

Lab Hours

Min:

0

SOC101H - Introduction to Sociology Honors

Overview

Course Prefix

SOC

Course Number

101H

Course Title

Introduction to Sociology Honors

Degree Attributes

Diversity (2021-99) (DIVC), Social & Behavioral Sciences (SBS)

Course Description

Study of human behavior from the sociological perspective. Areas of emphasis include society, culture, social structure, social institutions, socialization, and forms of social stratification. Prerequisite: Acceptance into Honors Program.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

3

Lab Hours

Min:

0

Requisites**Simple Requisites****Type**

Prerequisite

Fulfill ALL of the following requirements:

Acceptance into Honors Program.

SOC140 - Sociology of Relationships and Family

Overview

Course Prefix

SOC

Course Number

140

Course Title

Sociology of Relationships and Family

Degree Attributes

Diversity (2021-99) (DIVC), Ethnic, Race & Gender (ERG), Social & Behavioral Sciences (SBS), Social Science (2009-2019) (SOCL)

Course Description

Examination of macro and micro factors affecting relationships and families. Exploration of elements of diversity (gender, race/ethnicity, social class, education, culture, age cohort), relationship issues (communication, role expectations, conflict, dissolution, violence), family challenges (work/family balance, parenting, child care, stress, role conflict), and success strategies.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

3

Lab Hours

Min:

0

SOC142 - Race and Ethnic Relations

Overview

Course Prefix

SOC

Course Number

142

Course Title

Race and Ethnic Relations

Degree Attributes

Diversity (2021-99) (DIVC), Ethnic, Race & Gender (ERG), SUN# SOC 2215 (Z047), Social & Behavioral Sciences (SBS), Social Science (2009-2019) (SOCL)

Course Description

Contemporary racial and ethnic intergroup relations emphasizing cultural origins, developments, and problems of minority groups in the United States.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

3

Lab Hours

Min:

0

SOC212 - Gender and Society

Overview

Course Prefix
SOC

Course Number
212

Course Title
Gender and Society

Degree Attributes
Diversity (2021-99) (DIVC), Ethnic, Race & Gender (ERG), Social & Behavioral Sciences (SBS), Social Science (2009-2019) (SOCL)

Course Description
Examine the ways society shapes and defines the positions and roles of both men and women. Emphasis on the sociological theories and research methods used to study how femininities and masculinities are constructed within the following social institutions: the family, education, work, healthcare, and the mass media.

Credit Hours

Credit Hours

Min:
3

Lecture Hours

Min:
3

Lab Hours

Min:
0

SOC220 - Introduction to Social Work

Overview

Course Prefix
SOC

Course Number
220

Course Title
Introduction to Social Work

Degree Attributes
Social & Behavioral Sciences (SBS), Written Comm (2021-99) (WCC)

Course Description
Survey of social work as a profession and social welfare as an institution. Social work: historical development, principles, philosophy, and practices. Prerequisites: ANT 102 or PSY 101 or PSY 245 or SOC 101.

Credit Hours

Credit Hours

Min:
3

Lecture Hours

Min:
3

Lab Hours

Min:
0

Requisites

Simple Requisites

<p>Type Prerequisite</p> <p>Complete ANY of the following Courses:</p> <ul style="list-style-type: none">• ANT102 - Introduction to Cultural Anthropology OR PSY101 - Introductory Psychology OR PSY245 - Human Growth and Development OR SOC101 - Introduction to Sociology
--

SOC230 - Introduction to Statistics in the Social and Behavioral Sciences

Overview

Course Prefix
SOC

Course Number
230

Course Title

Introduction to Statistics in the Social and Behavioral Sciences

Degree Attributes

Quantitative Lit (2021-99) (QLC), Social & Behavioral Sciences (SBS)

Course Description

Introduction to Statistics in the Social and Behavioral Sciences. Basic concepts of statistical analysis and design in social and behavioral science research. This course is cross-listed with PSY 230. Prerequisite: MAT 142 or MAT 152 or satisfactory score on the mathematics skills assessment.

Credit Hours

Credit Hours

Min:
3

Lecture Hours

Min:
3

Lab Hours

Min:
0

Requisites

Simple Requisites

Type

Prerequisite

Complete ALL of the following Courses:

- MAT142 - College Mathematics
OR MAT152 - College Algebra

OR satisfactory score on the mathematics skills assessment.

SOC250 - Social Problems

Overview

Course Prefix
SOC

Course Number
250

Course Title

Social Problems

Degree Attributes

Diversity (2021-99) (DIVC), Ethnic, Race & Gender (ERG), SUN# SOC 2250 (Z052), Social & Behavioral Sciences (SBS), Social Science (2009-2019) (SOCL)

Course Description

A sociological exploration of selected social problems. Emphasis on social issues.

Credit Hours

Credit Hours

Min:
3

Lecture Hours

Min:
3

Lab Hours

Min:
0

SOC296 - Internship: Sociology

Overview

Course Prefix

SOC

Course Number

296

Course Title

Internship: Sociology

Course Description

Supervised field experience with businesses, corporations, government agencies, schools and community organizations to expand career interests and apply subject knowledge relevant to the workplace. Individualized internship placements to develop personal and professional skills, including professional ethics, leadership, and civic responsibility.

Prerequisite: Student must have a GPA of 2.0; have completed specific degree requirements as required by the program; and have completed the internship application process. [Repeatable for a total of 6 credit hours towards degree/certificate requirements.] S/U grading only.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

0

Lab Hours

Min:

0

Requisites

Simple Requisites

Type

Prerequisite

Fulfill ALL of the following requirements:

Student must have a GPA of 2.0 ; have completed specific degree requirements as required by the program; and have completed the internship application process.

SOC299 - Independent Study Sociology

Overview

Course Prefix

SOC

Course Number

299

Course Title

Independent Study Sociology

Course Description

Supervised special project in this field of study. Approval of supervising Division Dean is required.

Credit Hours

Credit Hours

Min:

1

Max:

6

Credit Hours

Operator:

TO

Lecture Hours

Min:

0

Lab Hours

Min:

0

SPA098 - Spanish in Daily Life I

Overview

Course Prefix

SPA

Course Number

098

Course Title

Spanish in Daily Life I

Course Description

Basic daily interactions with Spanish speakers in the US with a heightened emphasis on simple conversational language constructions and cultural components. Intended for the most novice of beginning Spanish students who have little or no formal training with Spanish and who want a very simple and basic conversationally-oriented introduction to the language. Includes functional language topics for interactions with Spanish speakers in real-world contexts, and highlights entry-level cultural components of Spanish users living in the United States. Designed to improve cultural and linguistic competence and to build bilingualism and biculturalism through a conversational approach.

Credit Hours

Credit Hours

Min:

1

Lecture Hours

Min:

1

Lab Hours

Min:

0

SPA099 - Spanish in Daily Life II (Workshop)

Overview

Course Prefix

SPA

Course Number

099

Course Title

Spanish in Daily Life II (Workshop)

Course Description

Maintains an active focus on basic daily interactions with Spanish speakers in the US, began in SPA098 and places even more emphasis on simple conversational language constructions and cultural components. Intended for the most novice of beginning Spanish students to practice their new conversationally oriented skills in a workshop-type learning environment with multiple opportunities for conversational language practice. Conversations will continue to focus on practical language use in real-world contexts, and to highlight entry-level cultural components of Spanish users living in the United States. Designed to provide improvement in cultural and linguistic competence, to build bilingualism and biculturalism through a conversational approach, and preparation for more systematic language study in SPA101. Prerequisite: SPA 098 or SPA 101

Credit Hours

Credit Hours

Min:

1

Lecture Hours

Min:

1

Lab Hours

Min:

0

Requisites

Simple Requisites

<p>Type Prerequisite</p> <div style="border: 1px solid black; padding: 5px; margin-top: 10px;"> <p>Complete ALL of the following Courses:</p> <ul style="list-style-type: none"> • SPA098 - Spanish in Daily Life I <p style="text-align: center;">OR SPA101 - Beginning Spanish I</p> </div>

SPA101 - Beginning Spanish I

Overview

Course Prefix

SPA

Course Number

101

Course Title

Beginning Spanish I

Degree Attributes

SUN# SPA 1101 (Z048), YC World Languages (LANG)

Course Description

Fundamentals of speaking, writing, listening, and reading of Spanish. Introduction to the culture of the Spanish-speaking world.

Credit Hours

Credit Hours

Min:

4

Lecture Hours

Min:

4

Lab Hours

Min:

0

SPA102 - Beginning Spanish II

Overview

Course Prefix

SPA

Course Number

102

Course Title

Beginning Spanish II

Degree Attributes

SUN# SPA 1102 (Z049), YC World Languages (LANG)

Course Description

Development of speaking, writing, listening, and reading proficiency in Spanish at the novice mid/novice high level. Culture of the Spanish-speaking world. Prerequisite: SPA 101 or SPA 132 or placement exam.

Credit Hours

Credit Hours

Min:

4

Lecture Hours

Min:

4

Lab Hours

Min:

0

Requisites

Simple Requisites

Type

Prerequisite

Complete ALL of the following Courses:

- SPA101 - Beginning Spanish I
OR SPA132 - Conversational Spanish II

OR placement exam

SPA131 - Conversational Spanish I

Overview

Course Prefix

SPA

Course Number

131

Course Title

Conversational Spanish I

Course Description

Fundamentals of speaking and listening skills in Spanish. Introduction to the culture of the Spanish-speaking world.

Credit Hours

Credit Hours**Min:**

3

Lecture Hours**Min:**

3

Lab Hours**Min:**

0

SPA132 - Conversational Spanish II

Overview

Course Prefix

SPA

Course Number

132

Course Title

Conversational Spanish II

Course Description

Development of speaking and listening skills in Spanish at the novice level. Culture of the Spanish-speaking world. Prerequisite: SPA 101 or SPA 131.

Credit Hours

Credit Hours**Min:**

3

Lecture Hours**Min:**

3

Lab Hours**Min:**

0

Requisites

Simple Requisites

Type

Prerequisite

Complete ALL of the following Courses:

- SPA101 - Beginning Spanish I

OR SPA131 - Conversational Spanish I

SPA201 - Intermediate Spanish I

Overview

Course Prefix

SPA

Course Number

201

Course Title

Intermediate Spanish I

Degree Attributes

Arts & Humanities (AH) (AH), Diversity (2021-99) (DIVC), SUN# SPA 2201 (Z050)

Course Description

Development of speaking, writing, listening, and reading proficiency in Spanish at the novice high level. Culture of the Spanish-speaking world. Prerequisite: SPA 102 or placement exam.

Credit Hours**Credit Hours****Min:**

4

Lecture Hours**Min:**

4

Lab Hours**Min:**

0

Requisites**Simple Requisites****Type**

Prerequisite

Complete ALL of the following Courses:

- SPA102 - Beginning Spanish II

OR placement exam

SPA202 - Intermediate Spanish II

Overview

Course Prefix

SPA

Course Number

202

Course Title

Intermediate Spanish II

Degree Attributes

Arts & Humanities (AH) (AH), Diversity (2021-99) (DIVC), SUN# SPA 2202 (Z051)

Course Description

Development of speaking, writing, listening, and reading proficiency in Spanish at the intermediate low level. Culture of the Spanish-speaking world. Prerequisite: SPA 201 or placement exam.

Credit Hours**Credit Hours****Min:**

4

Lecture Hours**Min:**

4

Lab Hours**Min:**

0

Requisites**Simple Requisites****Type**

Prerequisite

Complete ALL of the following Courses:

- SPA201 - Intermediate Spanish I

OR placement exam

SPA296 - Internship: Spanish

Overview

Course Prefix

SPA

Course Number

296

Course Title

Internship: Spanish

Course Description

Supervised field experience with businesses, corporations, government agencies, schools and community organizations to expand career interests and apply subject knowledge relevant to the workplace. Individualized internship placements to develop personal and professional skills, including professional ethics, leadership, and civic responsibility.

Prerequisite: Student must have a GPA of 2.0; have completed specific degree requirements as required by the program; and have completed the internship application process. [Repeatable for a total of 6 credit hours towards degree/certificate requirements.] S/U grading only.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

0

Lab Hours

Min:

0

Requisites

Simple Requisites

Type

Prerequisite

Fulfill ALL of the following requirements:

Student must have a GPA of 2.0; have completed specific degree requirements as required by the program; and have completed the internship application process.

SPA299 - Independent Study Spanish

Overview

Course Prefix

SPA

Course Number

299

Course Title

Independent Study Spanish

Course Description

Supervised special project in this field of study. Approval of supervising Division Dean is required.

Credit Hours

Credit Hours

Min:

1

Max:

6

Credit Hours

Operator:

TO

Lecture Hours

Min:

0

Lab Hours

Min:

0

STU100 - Computer Literacy

Overview

Course Prefix

STU

Course Number

100

Course Title

Computer Literacy

Course Description

Computer literacy skills necessary for success in any occupation. Includes disk and file management, keyboard shortcuts, customization and accessibility settings, disk and file management, operating systems, file extensions, device management, Internet browsing, source evaluation, e-mail, computer information security, and spreadsheet and word processing software.

Credit Hours

Credit Hours

Min:

1

Lecture Hours

Min:

1

Lab Hours

Min:

0

STU101 - Introduction to Student Success

Overview

Course Prefix

STU

Course Number

101

Course Title

Introduction to Student Success

Course Description

Academic and personal skills to promote a successful college experience.

Credit Hours

Credit Hours

Min:

1

Lecture Hours

Min:

1

Lab Hours

Min:

0

STU150 - College Success Skills

Overview

Course Prefix

STU

Course Number

150

Course Title

College Success Skills

Course Description

Academic and personal skills to promote a successful college experience.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

3

Lab Hours

Min:

0

STU296 - Internship: Student Development

Overview

Course Prefix

STU

Course Number

296

Course Title

Internship: Student Development

Course Description

Supervised field experience with businesses, corporations, government agencies, schools and community organizations to expand career interests and apply subject knowledge relevant to the workplace. Individualized internship placements to develop personal and professional skills, including professional ethics, leadership, and civic responsibility.

Prerequisite: Student must have a GPA of 2.0; have completed specific degree requirements as required by the program; and have completed the internship application process. [Repeatable for a total of 6 credit hours towards degree/certificate requirements.] S/U grading only.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

0

Lab Hours

Min:

0

Requisites

Simple Requisites

Type

Prerequisite

Fulfill ALL of the following requirements:

Student must have a GPA of 2.0; have completed specific degree requirements as required by the program; and have completed the internship application process.

STU299 - Independent Study: Life Management Skills

Overview

Course Prefix

STU

Course Number

299

Course Title

Independent Study: Life Management Skills

Course Description

Supervised special project in this field of study. Approval of supervising Division Dean is required.

Credit Hours

Credit Hours

Min:

1

Max:

6

Credit Hours

Operator:

TO

Lecture Hours

Min:

0

Lab Hours

Min:

0

TDP101 - Introduction to 3-D Printing

Overview

Course Prefix

TDP

Course Number

101

Course Title

Introduction to 3-D Printing

Degree Attributes

Tuition 2 (1T12)

Course Description

Introduction to 3-D additive manufacturing from an engineering technology perspective including the study of the history, processes, equipment, industrial and commercial uses, and current trends.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

2

Lab Hours

Min:

3

TDP108 - 3-D Printer Operation and Maintenance

Overview

Course Prefix

TDP

Course Number

108

Course Title

3-D Printer Operation and Maintenance

Degree Attributes

Tuition 2 (1T12)

Course Description

An introduction to 3-D printing technologies, 3-D printing methods and printable materials as well as current and emerging applications of 3-D printing. Additional topics include assembly, calibration, use, maintenance and troubleshooting of 3-D printers.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

2

Lab Hours

Min:

2

TDP201 - Slicing and Software for 3-D Printing

Overview

Course Prefix

TDP

Course Number

201

Course Title

Slicing and Software for 3-D Printing

Degree Attributes

Tuition 2 (1T12)

Course Description

Basic principles of 3-D printing and fabrication. Introduction to the design practices, tools, and techniques required to produce production-quality parts using multiple types of 3-D printers. Real-world fabrication methods and processes using industry-specific software.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

2

Lab Hours

Min:

3

TDP210 - 3-D Model Optimization and Troubleshooting

Overview

Course Prefix

TDP

Course Number

210

Course Title

3-D Model Optimization and Troubleshooting

Degree Attributes

Tuition 2 (1T12)

Course Description

3-D printing for fabricating three-dimensional solid objects from a digital design. Focused on studying the properties of 3-D printed specimens and modeling with varying processing conditions such as infill pattern, infill density and infill speed, and also with different printing materials.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

2

Lab Hours

Min:

3

TDP250 - Industrial Projects for 3-D Printing

Overview

Course Prefix

TDP

Course Number

250

Course Title

Industrial Projects for 3-D Printing

Degree Attributes

Tuition 2 (1T12)

Course Description

Designing, modeling, and producing 3-D printed parts. Includes rapid prototyping to traditional large-scale production, operating scanners, processing scan data with software tools, and converting scan data to printable 3-D models. Exploration of the entire cycle from an original artifact to a scan-based model reproduction.

Credit Hours

Credit Hours

Min:

4

Lecture Hours

Min:

3

Lab Hours

Min:

3

TDP299 - Independent Study 3-D Printing

Overview

Course Prefix

TDP

Course Number

299

Course Title

Independent Study 3-D Printing

Degree Attributes

Tuition 2 (1T12)

Course Description

Supervised special project in this field of study. Approval of supervising Division Dean is required.

Credit Hours

Credit Hours

Min:

1

Max:

6

Credit Hours Operator:

TO

Lecture Hours

Min:

0

Lab Hours

Min:

0

THR131 - Acting I

Overview

Course Prefix

THR

Course Number

131

Course Title

Acting I

Degree Attributes

Tuition 2 (1T12)

Course Description

Introduction to performance techniques with emphasis on movement and voice skills, and the performer's relationship to the scripted production. Gives the foundation for movement, voice and the different acting methodologies, of the great masters. Focus will be spent looking at acting through the lens of live performance and digital media.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

2

Lab Hours

Min:

2

THR132 - Acting II

Overview

Course Prefix

THR

Course Number

132

Course Title

Acting II

Degree Attributes

Tuition 2 (1T12)

Course Description

Builds on foundational acting skills and techniques from THR131-Acting I. Focus will be spent on further exploration of character development, voice and movement. Acting II students will not only perform a scene with a classmate, they will also be expected to perform a solo monologue. Prerequisite: THR 131.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

2

Lab Hours

Min:

2

Requisites

Simple Requisites**Type**

Prerequisite

Complete ALL of the following Courses:

- THR131 - Acting I

THR133 - Musical Theater I

Overview

Course Prefix

THR

Course Number

133

Course Title

Musical Theater I

Degree Attributes

Tuition 2 (1T12)

Course Description

The study and performance of works from the musical theater repertory, including musical comedy, reviews, operetta and basic vocal and movement skills. Theater attendance and/or assistance in college productions required. Prerequisite: MUS 134 (may be taken concurrently).

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

2

Lab Hours

Min:

2

Requisites

Simple Requisites

Type

Prerequisite

Complete ALL of the following Courses:

- MUS134 - Singing for the Actor

Prerequisite course may be taken concurrently with THR133.

THR134 - Musical Theater II

Overview

Course Prefix

THR

Course Number

134

Course Title

Musical Theater II

Degree Attributes

Tuition 2 (1T12)

Course Description

Intermediate study and performance of works from the musical theater repertory, including from the Golden Age of Musical Theater to current works on Broadway applying vocal and movement skills. Theater attendance and/or assistance in college productions required. Prerequisite: MUS 134 (may be taken concurrently) and THR 133.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

2

Lab Hours

Min:

2

Requisites

Simple Requisites

Type

Prerequisite

Complete ALL of the following Courses:

- MUS134 - Singing for the Actor
- THR133 - Musical Theater I

MUS 134 may be taken concurrently.

THR135 - Introduction to the Theater

Overview

Course Prefix

THR

Course Number

135

Course Title

Introduction to the Theater

Degree Attributes

Arts & Humanities (AH) (AH), SUN# THE 1100 (Z073), Written Comm (2021-99) (WCC), Tuition 2 (1T12)

Course Description

Development of theatre in Europe and America from ancient Greece to present. Integrated approach to theatre including playwriting, architecture, acting, production and criticism, particularly in historical settings.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

3

Lab Hours

Min:

0

Requisites

Simple Requisites

Type

Prerequisite

Fulfill ALL of the following requirements:

Reading Proficiency

THR141 - Stagecraft

Overview

Course Prefix

THR

Course Number

141

Course Title

Stagecraft

Degree Attributes

Tuition 2 (1T12)

Course Description

Foundations of technical theater including theater throughout history, technical design, concept and collaboration. Development of skills used by theater technicians and craftspeople in areas of scenery, costume, lighting and sound.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

1

Lab Hours

Min:

4

THR144 - Production Workshop Practicum: Costuming and Make-up

Overview

Course Prefix
THR

Course Number
144

Course Title

Production Workshop Practicum: Costuming and Make-up

Degree Attributes

Tuition 2 (1T12)

Course Description

Theatre costume design and creation for production and theatrical performance.

Credit Hours

Credit Hours

Min:
1

Lecture Hours

Min:
0

Lab Hours

Min:
3

THR145 - Production Workshop Practicum: Stage Management

Overview

Course Prefix
THR

Course Number
145

Course Title

Production Workshop Practicum: Stage Management

Degree Attributes

Tuition 2 (1T12)

Course Description

Stage management for production and theatrical performance.

Credit Hours

Credit Hours

Min:
1

Lecture Hours

Min:
0

Lab Hours

Min:
3

THR146 - Production Workshop Practicum: Set Building and Props

Overview

Course Prefix
THR

Course Number
146

Course Title

Production Workshop Practicum: Set Building and Props

Degree Attributes

Tuition 2 (1T12)

Course Description

Set and props design and creation for production and theatrical performance.

Credit Hours

Credit Hours

Min:
1

Lecture Hours

Min:
0

Lab Hours

Min:
3

THR147 - Production Workshop Practicum: Theater Production Crew

Overview

Course Prefix
THR

Course Number
147

Course Title

Production Workshop Practicum: Theater Production Crew

Degree Attributes

Tuition 2 (1T12)

Course Description

Production support techniques for theatrical performance.

Credit Hours

Credit Hours

Min:
1

Lecture Hours

Min:
0

Lab Hours

Min:
3

THR150 - Theater Rehearsal and Performance

Overview

Course Prefix

THR

Course Number

150

Course Title

Theater Rehearsal and Performance

Degree Attributes

Tuition 2 (1T12)

Course Description

Rehearsal and performance of a musical theatrical production. Students will be required to successfully pass an audition and be cast in a full-length musical production that will be performed for a public audience.

Credit Hours

Credit Hours

Min:

1

Max:

3

Credit Hours Operator:

TO

Lecture Hours

Min:

0

Lab Hours

Min:

3

Max:

9

Lab Hours Operator:

TO

THR151 - Scene Study for Actors

Overview

Course Prefix

THR

Course Number

151

Course Title

Scene Study for Actors

Degree Attributes

Tuition 2 (1T12)

Course Description

Covers the anthology of Western Drama, as students review plays and playwrights from the ancient Greeks to modern contemporary film. Focus is placed on the selected playwrights style and artistic aesthetic, as well as the historical background and cultural implications of the selected dramatic pieces. Students will be required to present theatrical based projects based on the plays reviewed in class. Prerequisites: THR 131

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

2

Lab Hours

Min:

2

Requisites

Simple Requisites

Type

Prerequisite

Complete ALL of the following Courses:

- THR131 - Acting I

THR160 - Lighting Design for Stage and Media

Overview

Course Prefix

THR

Course Number

160

Course Title

Lighting Design for Stage and Media

Degree Attributes

Tuition 2 (1T12)

Course Description

Introduction to the principles of lighting design for the theater and television and implementation of those designs. Emphasis on color grading, mood changes based on color, development of stage picture and how to light all angles of the subject in order to create a depth of field for the audience. Topics include an introduction to consoles and console development, design, and implementation. Current industry products will be used such as consoles, follow spots, MA3D-On PC, Vision, and Vectorworks may be used to enhance learning. This course is cross-listed with FMA 160.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

1

Lab Hours

Min:

4

THR161 - Sound Design for Stage and Media

Overview

Course Prefix

THR

Course Number

161

Course Title

Sound Design for Stage and Media

Degree Attributes

Tuition 2 (1T12)

Course Description

Introduction to the concept and implementation of sound design for different types of theatres (inside, outside, small, large), and different film locations. Topics include how to train one's ears to mix various shows, gain an understanding of signal flow, what speakers sound like, and recalling show practices using an analog mixer. Focus on sound instruments/boards, as well as in-ear technology, and the diverse types of microphones will be included. Cross-listed with FMA 161.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

1

Lab Hours

Min:

4

THR162 - Stagecraft Rigging and Safety

Overview

Course Prefix

THR

Course Number

162

Course Title

Stagecraft Rigging and Safety

Degree Attributes

Tuition 2 (1T12)

Course Description

Introduction to stage rigging safety protocols with training in rigging hardware including knots, ground rigging, hoists, trusses, and standard theater rigging procedures.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

1

Lab Hours

Min:

4

THR164 - Scenic Design for Stage and Media

Overview

Course Prefix

THR

Course Number

164

Course Title

Scenic Design for Stage and Media

Degree Attributes

Tuition 2 (1T12)

Course Description

Introduction to hand skills and basic tools used for set and large props building, assembly and finishing techniques; applied to design principles. Guidance and hands-on experience using tools and measuring.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

1

Lab Hours

Min:

4

THR165 - Script Analysis

Overview

Course Prefix

THR

Course Number

165

Course Title

Script Analysis

Degree Attributes

Tuition 2 (1T12)

Course Description

Focus on discovering creative, in-depth techniques of script analysis and realizing different methods for researching the script. Techniques will be applied to understanding the script as an actor, technician, director, designer, dramaturg or playwright.

Prerequisites: Reading Proficiency.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

1

Lab Hours

Min:

4

Requisites

Simple Requisites

Type

Prerequisite

Fulfill ALL of the following requirements:

Reading Proficiency

THR218 - Directing for Stage and Media

Overview

Course Prefix

THR

Course Number

218

Course Title

Directing for Stage and Media

Degree Attributes

Tuition 2 (1T12)

Course Description

The art of theater direction for stage and media productions and the director's role. This course is crosslisted with FMA 218.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

2

Lab Hours

Min:

2

THR220 - Principles of Dramatic Analysis

Overview

Course Prefix

THR

Course Number

220

Course Title

Principles of Dramatic Analysis

Degree Attributes

SUN# THE 2220 (Z068), Tuition 2 (1T12)

Course Description

Play script analysis and production for interpreting a script for performance values and aesthetics. Critical analysis from the point of view of the director, actor, designer, or critic. Prerequisites: THR 135 and THR 141

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

3

Lab Hours

Min:

0

Requisites

Simple Requisites

Type

Prerequisite

Complete ALL of the following Courses:

- THR135 - Introduction to the Theater
- THR141 - Stagecraft

THR231 - Acting the One-Act Play

Overview

Course Prefix

THR

Course Number

231

Course Title

Acting the One-Act Play

Degree Attributes

Tuition 2 (1T12)

Course Description

Performance techniques of the full One-Act Play. Emphasis on character development, character analysis, play analysis and acting within appropriate period styles. Introduction to producing, directing, technical theatre and acting the One-Act Play as they influence development of acting, directing, and production skills. Prerequisite: THR 131 (may be taken concurrently).

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

2

Lab Hours

Min:

2

Requisites

Simple Requisites

Type

Prerequisite

Complete ALL of the following Courses:

- THR131 - Acting I

May be taken concurrently with THR 231.

THR296 - Internship: Theater

Overview

Course Prefix

THR

Course Number

296

Course Title

Internship: Theater

Degree Attributes

Tuition 2 (1T12)

Course Description

Supervised field experience with businesses, corporations, government agencies, schools and community organizations to expand career interests and apply subject knowledge relevant to the workplace. Individualized internship placements to develop personal and professional skills, including professional ethics, leadership, and civic responsibility.

Prerequisite: Student must have a GPA of 2.0; have completed specific degree requirements as required by the program; and have completed the internship application process. [Repeatable for a total of 6 credit hours towards degree/certificate requirements.] S/U grading only.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

0

Lab Hours

Min:

0

Requisites

Simple Requisites

Type

Prerequisite

Fulfill ALL of the following requirements:

Student must have a GPA of 2.0; have completed specific degree requirements as required by the program; and have completed the internship application process.

THR299 - Independent Study Theater

Overview

Course Prefix

THR

Course Number

299

Course Title

Independent Study Theater

Degree Attributes

Tuition 2 (1T12)

Course Description

Supervised special project in this field of study. Approval of supervising Division Dean is required.

Credit Hours

Credit Hours

Min:

1

Max:

6

Credit Hours

Operator:

TO

Lecture Hours

Min:

0

Lab Hours

Min:

0

UAS100 - Introduction to UAS

Overview

Course Prefix

UAS

Course Number

100

Course Title

Introduction to UAS

Degree Attributes

Tuition 2 (1T12)

Course Description

Fundamentals of Unmanned Aircraft Systems (UAS). Includes history, legislation, concept of operations, types of systems, and current applications.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

3

Lab Hours

Min:

0

UAS103 - UAS Simulations

Overview

Course Prefix

UAS

Course Number

103

Course Title

UAS Simulations

Degree Attributes

Tuition 2 (1T12)

Course Description

Unmanned Aircraft System (UAS) concepts of operation using simulation. Includes map reading, data collection strategies and techniques, mission planning, live data dissemination, and end-of-mission report writing. Focus on aircrew coordination.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

3

Lab Hours

Min:

0

UAS110 - UAS Fixed-Wing Systems

Overview

Course Prefix

UAS

Course Number

110

Course Title

UAS Fixed-Wing Systems

Degree Attributes

Tuition 2 (1T12)

Course Description

Fundamentals of fixed-wing Unmanned Aircraft System (UAS) airframes and ground systems. Basic component operation and use of airframe systems, the power system, flight controls, payloads, and avionics. Includes hands-on assembly of UAS systems.

Credit Hours

Credit Hours

Min:

4

Lecture Hours

Min:

2

Lab Hours

Min:

4

UAS115 - UAS Multirotor Systems

Overview

Course Prefix

UAS

Course Number

115

Course Title

UAS Multirotor Systems

Degree Attributes

Tuition 2 (1T12)

Course Description

Fundamentals of multicopter Unmanned Aircraft System (UAS) airframes and ground systems. Basic component operation and use of airframe systems, power system, flight controls, payloads, and avionics. Includes hands-on assembly of UAS systems.

Credit Hours

Credit Hours

Min:

4

Lecture Hours

Min:

2

Lab Hours

Min:

4

UAS120 - UAS Sensing Systems

Overview

Course Prefix

UAS

Course Number

120

Course Title

UAS Sensing Systems

Degree Attributes

Tuition 2 (1T12)

Course Description

Unmanned Aircraft System (UAS) sensor systems, principles of remote sensing, imagery analysis, and payload selection. Includes component operation and use of electro-optical, near-infrared, short-and long-wave infrared, Synthetic Aperture Radar (SAR), and Light Information Detection and Ranging (LIDAR) sensors. Introduction to the electromagnetic spectrum, target detection criteria, and sensor/lens/aircraft pairing.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

3

Lab Hours

Min:

0

UAS132 - UAS Flight Operations

Overview

Course Prefix

UAS

Course Number

132

Course Title

UAS Flight Operations

Degree Attributes

Tuition 2 (1T12)

Course Description

Fundamentals of Unmanned Aircraft System (UAS) fixed-wing and multirotor flight. Designed for the rated Remote Pilot to safely operate fixed-wing and multirotor unmanned aircraft. Emphasis on semiautonomous, autonomous, and manual flying techniques during takeoff, flight and landing.

Credit Hours

Credit Hours

Min:

4

Lecture Hours

Min:

3

Lab Hours

Min:

2

UAS216 - UAS Geographic Information Systems

Overview

Course Prefix

UAS

Course Number

216

Course Title

UAS Geographic Information Systems

Degree Attributes

Tuition 2 (1T12)

Course Description

Unmanned Aircraft Systems (UAS) concepts of operation in creation of high-resolution photo maps for decision making. Includes theory of data collection, concepts in photogrammetry, flight planning, photomapping software operation, and operation of Geographical Information System (GIS) software. Interpretation and manipulation of visual imagery, multispectral imagery, and digital surface models. Prerequisite: UAS 120.

Credit Hours

Credit Hours

Min:

4

Lecture Hours

Min:

3

Lab Hours

Min:

2

Requisites

Simple Requisites

Type

Prerequisite

Complete ALL of the following Courses:

- UAS120 - UAS Sensing Systems

UAS250 - UAS Applications and Analytics

Overview

Course Prefix

UAS

Course Number

250

Course Title

UAS Applications and Analytics

Degree Attributes

Tuition 2 (1T12)

Course Description

Unmanned Aircraft Systems (UAS) applied operations to solve real-world problems. Evaluation of a real or simulated problem which will involve determining the appropriate UAS, payload, and operating procedures, collecting the required imagery/data, and evaluating the effectiveness of the proposed solution. Prerequisite: UAS 120, and UAS 216 (may be taken concurrently)

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

3

Lab Hours

Min:

0

Requisites

Simple Requisites

Type

Prerequisite

Complete ALL of the following Courses:

- UAS120 - UAS Sensing Systems
- UAS216 - UAS Geographic Information Systems

UAS 216 may be taken concurrently.

UAS299 - Independent Study Unmanned Aircraft System

Overview

Course Prefix
UAS

Course Number
299

Course Title
Independent Study Unmanned Aircraft System

Degree Attributes
Tuition 2 (1T12)

Course Description
Supervised special project in this field of study. Approval of supervising Division Dean is required.

Credit Hours

Credit Hours

Min:
1

Max:
6

Credit Hours Operator:
TO

Lecture Hours

Min:
0

Lab Hours

Min:
0

VEN100 - Introduction to Viticulture

Overview

Course Prefix
VEN

Course Number
100

Course Title
Introduction to Viticulture

Degree Attributes
Enology Tuition (1VEN)

Course Description

World history of grapes and their production. Emphasis on the varieties of grapes, grapevine biology and physiology, vineyard management, and harvest and post-harvest operations.

Credit Hours

Credit Hours

Min:
3

Lecture Hours

Min:
2

Lab Hours

Min:
2

VEN101 - Establishing a Vinifera Vineyard

Overview

Course Prefix

VEN

Course Number

101

Course Title

Establishing a Vinifera Vineyard

Degree Attributes

Enology Tuition (1VEN)

Course Description

Introduction to the processes of establishing a vineyard. Emphasis on site selection, vine varieties, soil preparation, planting methods, vineyard layout, and equipment requirements. Prerequisite: VEN 100 (may be taken concurrently).

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

2

Lab Hours

Min:

2

Requisites

Simple Requisites

Type

Prerequisite

Complete ALL of the following Courses:

- VEN100 - Introduction to Viticulture

Prerequisite course may be taken concurrently with VEN101.

VEN103 - Maintaining a Vinifera Vineyard

Overview

Course Prefix

VEN

Course Number

103

Course Title

Maintaining a Vinifera Vineyard

Degree Attributes

Enology Tuition (1VEN)

Course Description

Maintaining a vineyard from the point of dormancy through the harvest. Emphasis on crop monitoring techniques, pruning methods, bloom, vine manipulation, and determining vine health. Includes the relationship that exists between the grower and the vintner. Prerequisite: VEN 100 (may be taken concurrently).

Credit Hours

Credit Hours

Min:

4

Lecture Hours

Min:

3

Lab Hours

Min:

2

Requisites

Simple Requisites

Type

Prerequisite

Complete ALL of the following Courses:

- VEN100 - Introduction to Viticulture

Prerequisite course may be taken concurrently with VEN103.

VEN121 - Wines of the World

Overview

Course Prefix

VEN

Course Number

121

Course Title

Wines of the World

Degree Attributes

Enology Tuition (1VEN)

Course Description

Wines produced throughout the world with an emphasis on history, the growth of grapes, wine production, geography and cultural relevance of different wine types and growing regions. In-depth classification and critique of “New World” versus “Old World” wine regions and styles. Winemaking methods, service, laws and regulations of the major wine regions. Students will taste, evaluate and identify various wine styles. Must be 21 years of age or older to enroll.

Credit Hours

Credit Hours

Min:

2

Lecture Hours

Min:

1

Lab Hours

Min:

2

VEN122 - Sensory Evaluation of Wine

Overview

Course Prefix

VEN

Course Number

122

Course Title

Sensory Evaluation of Wine

Degree Attributes

Enology Tuition (1VEN)

Course Description

Sensory evaluation specific to wine production with a focus on environmental and cultural winemaking practices contributing to the character of a wine. Basic elements of wine through sensory evaluation including the effects of appearance on taste perception, as well as olfactory and physiological taste mechanisms. Emphasis on specific wine varieties, regions, use of oak in winemaking, secondary fermentation, characteristics of individual wine components and wine flaw threshold identification. Designed for those who need to develop an understanding of the principles of sensory evaluation used in winemaking: the wine enthusiast who is interested in reaching advanced levels of appreciation, the wine steward, the wine merchant, and ultimately the enologist, who by the nature of their profession need to discern flavors and establish tasting benchmarks. Must be 21 years of age or older to enroll.

Credit Hours

Credit Hours

Min:

2

Lecture Hours

Min:

1

Lab Hours

Min:

2

VEN195E - Winemaking Practicum

Overview

Course Prefix

VEN

Course Number

195E

Course Title

Winemaking Practicum

Degree Attributes

Enology Tuition (1VEN)

Course Description

Practical experience in winemaking while working at an approved winery and receiving supervision from a professional vintner. Students must complete a fall and spring practicum as well as VEN 195ES in the summer. Must be 21 years of age or older to enroll. [Repeatable for a total of 4 credit hours towards degree/certificate requirements.] Prerequisite: VEN 200 (may be taken concurrently).

Credit Hours

Credit Hours

Min:

2

Lecture Hours

Min:

0

Lab Hours

Min:

4

Requisites

Simple Requisites

Type

Prerequisite

Complete ALL of the following Courses:

- VEN200 - Science of Winemaking I

Prerequisite course may be taken concurrently with VEN195E.

VEN195ES - Winemaking Practicum Summer

Overview

Course Prefix

VEN

Course Number

195ES

Course Title

Winemaking Practicum Summer

Degree Attributes

Enology Tuition (1VEN)

Course Description

Practical experience in winemaking while working at an approved winery and receiving supervision from a professional vintner. Students must complete this summer practicum as well as VEN 195E in both fall and spring. Must be 21 years of age or older to enroll. Prerequisite: VEN 200 (may be taken concurrently).

Credit Hours

Credit Hours

Min:

2

Lecture Hours

Min:

0

Lab Hours

Min:

4

Requisites

Simple Requisites

Type

Prerequisite

Complete ALL of the following Courses:

- VEN200 - Science of Winemaking I

Prerequisite course may be taken concurrently with VEN195ES.

VEN195V - Viticulture Practicum

Overview

Course Prefix

VEN

Course Number

195V

Course Title

Viticulture Practicum

Degree Attributes

Enology Tuition (1VEN)

Course Description

Practical experience in vineyard operations partnering with an approved vineyard, Students must complete a fall and spring practicum as well as VEN 195VS in the summer. [Repeatable for a total of 4 credit hours towards degree/certificate requirements.] Prerequisite: VEN 100 (may be taken concurrently).

Credit Hours

Credit Hours

Min:

2

Lecture Hours

Min:

0

Lab Hours

Min:

4

Requisites

Simple Requisites

Type

Prerequisite

Complete ALL of the following Courses:

- VEN100 - Introduction to Viticulture

Prerequisite course may be taken concurrently with VEN195V.

VEN195VS - Viticulture Practicum Summer

Overview

Course Prefix

VEN

Course Number

195VS

Course Title

Viticulture Practicum Summer

Degree Attributes

Enology Tuition (1VEN)

Course Description

Practical experience in vineyard operations partnering with an approved vineyard, Students must complete this summer practicum as well as VEN 195V in both fall and spring. Prerequisite: VEN 100 (may be taken concurrently).

Credit Hours

Credit Hours

Min:

2

Lecture Hours

Min:

0

Lab Hours

Min:

4

Requisites

Simple Requisites

Type

Prerequisite

Complete ALL of the following Courses:

- VEN100 - Introduction to Viticulture

Prerequisite course may be taken concurrently with VEN195VS.

VEN200 - Science of Winemaking I

Overview

Course Prefix

VEN

Course Number

200

Course Title

Science of Winemaking I

Degree Attributes

Enology Tuition (1VEN)

Course Description

Winemaking principles of fruit selection, pre-harvest analyses, fruit processing, juice additions, alcoholic and malo-lactic fermentations. Includes winery hygiene and safety. Must be 21 years of age or older to enroll.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

3

Lab Hours

Min:

0

VEN201 - Science of Winemaking II

Overview

Course Prefix

VEN

Course Number

201

Course Title

Science of Winemaking II

Degree Attributes

Enology Tuition (1VEN)

Course Description

Chemistry of winemaking, wine analysis and quality control. Emphasis on wine composition, wine analytical techniques, and the relevance of these analyses to winemaking decisions. Includes wine filtration and post-fermentation wine stewardship. Must be 21 years of age or older to enroll. Prerequisite: VEN 200.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

2

Lab Hours

Min:

2

Requisites

Simple Requisites

<p>Type Prerequisite</p> <div style="border: 1px solid black; padding: 5px;"><p>Complete ALL of the following Courses:</p><ul style="list-style-type: none">• VEN200 - Science of Winemaking I</div>
--

VEN202 - Science of Winemaking III

Overview

Course Prefix

VEN

Course Number

202

Course Title

Science of Winemaking III

Degree Attributes

Enology Tuition (1VEN)

Course Description

Economics related to wine production and sales including federal, state, and local regulations. Winery business plans, state and federal winery permits, wine production, taxation, reporting, labeling, market research, and sales and distribution. Must be 21 years of age or older to enroll. Prerequisite: VEN 201.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

2

Lab Hours

Min:

2

Requisites

Simple Requisites

Type

Prerequisite

Complete ALL of the following Courses:

- VEN201 - Science of Winemaking II

VEN299 - Independent Study Viticulture and Enology

Overview

Course Prefix

VEN

Course Number

299

Course Title

Independent Study Viticulture and Enology

Degree Attributes

Enology Tuition (1VEN)

Course Description

Supervised special project in this field of study. Approval of supervising Division Dean is required.

Credit Hours

Credit Hours

Min:

1

Max:

6

Credit Hours

Operator:

TO

Lecture Hours

Min:

0

Lab Hours

Min:

0

VGD121 - Video Game Development for Game Engines

Overview

Course Prefix

VGD

Course Number

121

Course Title

Video Game Development for Game Engines

Degree Attributes

Tuition 2 (1T12)

Course Description

Introduction to the creation of video games primarily through the use of drag and drop techniques. Covers the creation of single player games, use of image and sound files in games, creation of simple code logic structures, and the deployment of games.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

3

Lab Hours

Min:

0

VGD151 - 3D Modeling and Animation

Overview

Course Prefix

VGD

Course Number

151

Course Title

3D Modeling and Animation

Degree Attributes

Tuition 2 (1T12)

Course Description

Introduction to the techniques used to create 3D objects and animation for games, TV, and movies using professional 3D modeling and animation software. Includes modeling solid objects, object surfacing and shaders, object animation, lighting techniques, camera parameters, creation of environments, and the configuration of rendering engines.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

3

Lab Hours

Min:

0

VGD171 - Video Game Development - Programming

Overview

Course Prefix
VGD

Course Number
171

Course Title

Video Game Development - Programming

Degree Attributes

Tuition 2 (1T12)

Course Description

Introduction to modern Object Oriented Programming through the development of video games for a variety of platforms, using an integrated development environment (IDE) and related software.

Credit Hours

Credit Hours

Min:
3

Lecture Hours

Min:
3

Lab Hours

Min:
0

VGD180 - Game Theory and Design Principles

Overview

Course Prefix
VGD

Course Number
180

Course Title

Game Theory and Design Principles

Degree Attributes

Tuition 2 (1T12)

Course Description

Introduction to major topics in video game design, game design basics, designing a game, and working as a game designer. Emphasis on the principles of game design through identifying, comparing, and contrasting examples of design elements in various pre-existing games.

Credit Hours

Credit Hours

Min:
3

Lecture Hours

Min:
3

Lab Hours

Min:
0

VGD251 - Advanced 3D Modeling and Animation

Overview

Course Prefix

VGD

Course Number

251

Course Title

Advanced 3D Modeling and Animation

Degree Attributes

Tuition 2 (1T12)

Course Description

Modeling and animation skills with emphasis on advanced character modeling and animation techniques and the use of specialized surfacing tools and techniques.

Prerequisite: VGD 151.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

3

Lab Hours

Min:

0

Requisites

Simple Requisites

Type

Prerequisite

Complete ALL of the following Courses:

- VGD151 - 3D Modeling and Animation

VGD296 - Internship: Video Game Development

Overview

Course Prefix

VGD

Course Number

296

Course Title

Internship: Video Game Development

Degree Attributes

Tuition 2 (1T12)

Course Description

Supervised field experience with businesses, corporations, government agencies, schools and community organizations to expand career interests and apply subject knowledge relevant to the workplace. Individualized internship placements to develop personal and professional skills, including professional ethics, leadership, and civic responsibility.

Prerequisite: Student must have a GPA of 2.0; have completed specific degree requirements as required by the program; and have completed the internship application process. [Repeatable for a total of 6 credit hours towards degree/certificate requirements.] S/U grading only.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

0

Lab Hours

Min:

0

Requisites

Simple Requisites

Type

Prerequisite

Fulfill ALL of the following requirements:

Student must have a GPA of 2.0; have completed specific degree requirements as required by the program; and have completed the internship application process.

VGD299 - Independent Study Video Game Development

Overview

Course Prefix

VGD

Course Number

299

Course Title

Independent Study Video Game Development

Degree Attributes

Tuition 2 (1T12)

Course Description

Supervised special project in this field of study. Approval of supervising Division Dean is required.

Credit Hours

Credit Hours

Min:

1

Max:

6

Credit Hours

Operator:

TO

Lecture Hours

Min:

0

Lab Hours

Min:

0

WLD112 - Oxyacetylene Welding for Non-Welding Majors

Overview

Course Prefix

WLD

Course Number

112

Course Title

Oxyacetylene Welding for Non-Welding Majors

Degree Attributes

Tuition 2 (1T12)

Course Description

Designed for automotive, electronics, and other non-welding majors. Basics of oxyacetylene welding, including safety, welding techniques, basic metallurgy and welding gases. This course not intended to prepare students to take any AWS certification exams.

Credit Hours

Credit Hours

Min:

2

Lecture Hours

Min:

1

Lab Hours

Min:

3

WLD113 - SMAW/GMAW Welding for Non-Welding Majors

Overview

Course Prefix
WLD

Course Number
113

Course Title
SMAW/GMAW Welding for Non-Welding Majors

Degree Attributes
Tuition 2 (1T12)

Course Description
Designed for automotive, electronics, and other non-welding majors. Basics of shielded metal arc welding (SMAW) and gas metal arc welding (GMAW). This course not intended to prepare students to take any AWS certification exams.

Credit Hours

Credit Hours

Min:
2

Lecture Hours

Min:
1

Lab Hours

Min:
3

WLD130 - Oxyacetylene

Overview

Course Prefix
WLD

Course Number
130

Course Title
Oxyacetylene

Degree Attributes
Tuition 2 (1T12)

Course Description
Safety, oxyacetylene welding, flame cutting, brazing fundamentals and fuel gases. Competency mastery required.

Credit Hours

Credit Hours

Min:
4

Lecture Hours

Min:
2

Lab Hours

Min:
6

WLD140 - Arc I

Overview

Course Prefix

WLD

Course Number

140

Course Title

Arc I

Degree Attributes

Tuition 2 (1T12)

Course Description

Fundamentals of basic shielded metal arc welding (SMAW) procedures, equipment and safety.

Credit Hours

Credit Hours

Min:

4

Lecture Hours

Min:

2

Lab Hours

Min:

6

WLD145 - Arc II

Overview

Course Prefix

WLD

Course Number

145

Course Title

Arc II

Degree Attributes

Tuition 2 (1T12)

Course Description

Advanced shielded metal arc welding procedures, equipment, safety and cutting techniques. Prerequisite: WLD 140.

Credit Hours

Credit Hours

Min:

4

Lecture Hours

Min:

2

Lab Hours

Min:

6

Requisites

Simple Requisites

Type

Prerequisite

Complete ALL of the following Courses:

- WLD140 - Arc I

WLD156 - Blueprint Reading

Overview

Course Prefix

WLD

Course Number

156

Course Title

Blueprint Reading

Degree Attributes

Tuition 2 (1T12)

Course Description

Fundamentals of reading and interpreting blueprints and welding symbols as they apply to the welding trade.

Credit Hours

Credit Hours

Min:

4

Lecture Hours

Min:

3

Lab Hours

Min:

3

WLD200 - Gas Tungsten Arc Welding

Overview

Course Prefix

WLD

Course Number

200

Course Title

Gas Tungsten Arc Welding

Degree Attributes

Tuition 2 (1T12)

Course Description

Selection of electrode, gas, cups, and filler rod for gas tungsten arc welding (GTAW). Techniques and practice in welding butt-joint, t-joint, lap and corner joints in various positions. Prerequisite: WLD 130.

Credit Hours

Credit Hours

Min:

4

Lecture Hours

Min:

2

Lab Hours

Min:

6

Requisites

Simple Requisites

Type

Completion Requirement

Complete ALL of the following Courses:

- WLD130 - Oxyacetylene

WLD210 - Gas Metal Arc Welding

Overview

Course Prefix

WLD

Course Number

210

Course Title

Gas Metal Arc Welding

Degree Attributes

Tuition 2 (1T12)

Course Description

Setup and safe operation of gas metal arc welding (GMAW) equipment, GMAW welding of carbon steel plate, aluminum plate and sheet metal.

Credit Hours

Credit Hours

Min:

4

Lecture Hours

Min:

2

Lab Hours

Min:

6

WLD250 - Welded Metal Fabrication

Overview

Course Prefix

WLD

Course Number

250

Course Title

Welded Metal Fabrication

Degree Attributes

Tuition 2 (1T12)

Course Description

Metal used in manufacturing fabrication and welding techniques. Emphasis on project planning, layout and blueprint reading. Prerequisites: WLD 113 or WLD 145 or WLD 200 or WLD 210 or instructor permission.

Credit Hours

Credit Hours

Min:

4

Lecture Hours

Min:

2

Lab Hours

Min:

6

Requisites

Simple Requisites

Type

Prerequisite

Complete ALL of the following Courses:

- WLD113 - SMAW/GMAW Welding for Non-Welding Majors
OR WLD145 - Arc II
OR WLD200 - Gas Tungsten Arc Welding
OR WLD210 - Gas Metal Arc Welding

OR Instructor Permission

WLD282 - Pipe Welding I

Overview

Course Prefix

WLD

Course Number

282

Course Title

Pipe Welding I

Degree Attributes

Tuition 2 (1T12)

Course Description

Welding of pipe in cross-country pipe lines in industry including chemical, petroleum, salt water, fresh water, fuel system, hydraulic systems and mining. Prerequisite: WLD 145.

Credit Hours

Credit Hours

Min:

4

Lecture Hours

Min:

2

Lab Hours

Min:

6

Requisites

Simple Requisites

Type

Prerequisite

Complete ALL of the following Courses:

- WLD145 - Arc II

WLD296 - Internship: Welding

Overview

Course Prefix

WLD

Course Number

296

Course Title

Internship: Welding

Degree Attributes

Tuition 2 (1T12)

Course Description

Supervised field experience with businesses, corporations, government agencies, schools and community organizations to expand career interests and apply subject knowledge relevant to the workplace. Individualized internship placements to develop personal and professional skills, including professional ethics, leadership, and civic responsibility. Prerequisite: Student must have a GPA of 2.0; have completed specific degree requirements as required by the program; and have completed the internship application process. [Repeatable for a total of 6 credit hours towards degree/certificate requirements.] S/U grading only.

Credit Hours

Credit Hours

Min:

3

Lecture Hours

Min:

0

Lab Hours

Min:

0

Requisites

Simple Requisites

Type

Prerequisite

Fulfill ALL of the following requirements:

Student must have a GPA of 2.0 ; have completed specific degree requirements as required by the program; and have completed the internship application process.

WLD299 - Independent Study Welding

Overview

Course Prefix

WLD

Course Number

299

Course Title

Independent Study Welding

Degree Attributes

Tuition 2 (1T12)

Course Description

Supervised special project in this field of study. Approval of supervising Division Dean is required.

Credit Hours

Credit Hours

Min:

1

Max:

6

Credit Hours

Operator:

TO

Lecture Hours

Min:

0

Lab Hours

Min:

0