



| Fall Term 1 | | Hours | Notes |
|-------------------------|--|-----------------------------|---|
| 13 credit hours | | | |
| 1 st 8 weeks | | | |
| • | CSA 110 Introduction to Computer Information Systems | 3 | |
| • | CSC 105 Introduction to Programming | 3 | |
| 2 nd 8 weeks | | | |
| • | ENG 101 College Composition I <small>Recommended College Composition or Applied Communication</small> | 3 | Prerequisites: Satisfactory score on the English skills assessment. Reading Proficiency. |
| • | CSC 113 Programming: Python | 3 | Prerequisite: CSC 105 |
| • | CSA 107 Technology Networking Tools | 1 | |
| | | Term hours subtotal: | 13 |

| Spring Term 1 | | Hours | Notes |
|-------------------------|---|-----------------------------|--|
| 12 credit hours | | | |
| 1 st 8 weeks | | | |
| • | MAT 152 College Algebra <small>Recommended Mathematics</small> | 3 | Prerequisite: MAT 097 or a satisfactory score on the mathematics skills assessment. |
| • | CSC 125 Programming: C# Fundamentals | 3 | Prerequisite: CSC 105 |
| 2 nd 8 weeks | | | |
| • | CSA 126 Microsoft Office for Windows | 3 | |
| • | ENG 102 College Composition II <small>Recommended College Composition or Applied Communication</small> | 3 | Prerequisites: ENG 101 or ENG 101A or ENG 103. Reading Proficiency. |
| | | Term hours subtotal: | 12 |

| Summer Term 1 | | Hours | Notes |
|----------------|---|-----------------------------|----------|
| 7 credit hours | | | |
| • | CNT 110 A+ Computer Technician Certification <small>Recommended Program Elective</small> | 4 | |
| • | CNT 105 Cybersecurity Principles <small>Recommended Program Elective</small> | 3 | |
| | | Term hours subtotal: | 7 |

| Fall Term 2 | | Hours | Notes |
|-------------------------|---|-----------------------------|--|
| 16-17 credit hours | | | |
| • | PHI 105 Introduction to Ethics <small>Recommended Arts and Humanities <u>AND/OR</u> Social and Behavioral Science</small> | 3 | Prerequisite: Reading Proficiency |
| 1 st 8 weeks | | | |
| • | CSA 282 Database Concepts | 3 | |
| • | CNT 101 Networking and Cybersecurity Fundamentals OR CSA 214 Foundations of Data Science <small>Recommended Program Elective</small> | 3-4 | |
| 2 nd 8 weeks | | | |
| • | CSC 220 Programming: Java | 3 | Prerequisite: CSC 105 |
| • | GEO 103 Introduction to Physical Geography <small>Recommended Physical and Biological Science</small> | 4 | |
| | | Term hours subtotal: | 16-17 |

| Spring Term 2 | | Hours | Notes |
|-------------------------|---|-----------------------------|---|
| 13 credit hours | | | |
| 1 st 8 weeks | | | |
| • | CSC 211 Programming: PHP and MySQL | 3 | Prerequisites: CSC 105 (may not be taken concurrently) and CSA 282 (may be taken concurrently) |
| • | CSA 281 Systems Analysis and Design | 3 | Prerequisites: CSA 110 and CSC 105 |
| 2 nd 8 weeks | | | |
| • | CSC 205 Programming: JavaScript, HTML & CSS | 3 | Course cross-listed with WEB 205 Prerequisite: CSC 105 (may be taken concurrently) |
| • | HUM 101 Introduction to Popular Culture <small>Recommended Arts and Humanities <u>AND/OR</u> Social and Behavioral Science</small> | 3 | Prerequisite: Reading Proficiency |
| • | CSA 294 CSA Project (1 - 4) | 1 | Prerequisites: CSA 126 and CSA 281 and CSA 282 and CSC 105 |
| | | Term hours subtotal: | 13 |

This recommended sequence is not a binding agreement of any kind between Yavapai College and the student, but merely represents a potential curriculum that may be altered as appropriate to meet the student's academic objectives. Course availability is subject to change and all courses are not available every semester. Students should inquire each semester with their Advisor before registering to determine current requirements and possible changes to the suggested curriculum.