Yavapai COLLEGE
You Can!

Computer Systems and Applications AAS
Total Credits: 60-62
Progression Plan

Fall Term 1 *13 credit hours*	Hours	Notes
1st 8 weeks		
• CSA 110 Introduction to Computer Information Systems	3	
• CSC 105 Introduction to Programming	3	
2nd 8 weeks		
• ENG 101 College Composition I College Composition or Applied Communication	3	**Prerequisites:** Satisfactory score on the English skills assessment; or a grade of "C" or better in ENG 095. Reading Proficiency.
• CSC 113 Programming: Python	3	**Prerequisite:** CSC 105
• CSA 107 Technology Networking Tools	1	
Term hours subtotal:	**13**	

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

Summer Term 1 *7 credit hours*	Hours	Notes
• CNT 110 A+ Computer Technician Certification Program Elective	4	RECOMMENDED COURSE. See the program electives and/or see an Academic Advisor for additional options.
• CNT 105 Cybersecurity Principles Program Elective	3	RECOMMENDED COURSE. See the program electives and/or see an Academic Advisor for additional options.
Term hours subtotal:	**7**	

Fall Term 2 *17 credit hours*	Hours	Notes
• PHI 105 Introduction to Ethics Arts and Humanities **AND/OR** Social and Behavioral Science	3	**Prerequisite:** Reading Proficiency
1st 8 weeks		
• CSA 282 Database Concepts	3	
• CNT 101 Networking and Cybersecurity Fundamentals Program Elective	4	RECOMMENDED COURSE. See the program electives and/or see an Academic Advisor for additional options.
2nd 8 weeks		
• CSC 220 Programming: Java	3	**Prerequisite:** CSC 105
• GEO 103 Introduction to Physical Geography Physical and Biological Science	4	
Term hours subtotal:	**17**	

Spring Term 2 *13 credit hours*	Hours	Notes
1st 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
2nd 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 Arts and Humanities **AND/OR** Social and Behavioral Science	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**	