



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 <i>Recommended College Composition or Applied Communication</i>		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		12 credit hours	Hours	Notes
1st 8 weeks				
•	CNT 105 Cybersecurity Principles		3	
•	CSC 125 Programming: C# Fundamentals		3	Prerequisite: CSC 105
2nd 8 weeks				
•	CSA 250 Introduction to Artificial Intelligence		3	
•	ENG 102 College Composition II <i>Recommended College Composition or Applied Communication</i>		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 <i>Recommended Program Elective</i>		4	
•	MAT 152 College Algebra <i>Recommended Mathematics</i>		3	Prerequisite: MAT 097 or a satisfactory score on the mathematics skills assessment.
Term hours subtotal:			7	

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

Spring Term 2

13 credit hours

Hours

Notes

1st 8 weeks

- General Education Requirement

Arts and Humanities **AND/OR** Social and Behavioral Science

3

- 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)

- CNT 135 Security+: Implementing and Maintaining Network Security

3

Prerequisite: CNT 105 or CNT 110

Recommended Program Elective

- 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.