

## Computer Systems and Applications AAS Total Credits: 60-62

**Progression Plan** 

Fall Term 1 13 credit hours	Hours Notes		
L <sup>st</sup> 8 weeks			
CSA 110 Introduction to Computer Information	Systems 3		
CSC 105 Introduction to Programming	3		
2 <sup>nd</sup> 8 weeks			
ENG 101 College Composition I		Satisfactory score on the English	
College Composition or Applied Communication		skills assessment; or a grade of "C" or better in ENG 095. Reading Proficiency.	
CSC 113 Programming: Python	Prerequisite: C	SC 105	
<ul> <li>CSA 107 Technology Networking Tools</li> </ul>	1		
Term hours	subtotal: 13		
Spring Term 1 12 credit hours	Hours Notes		
1 <sup>st</sup> 8 weeks			
CSA 126 Microsoft Office for Windows	3		
CSC 125 Programming: C# Fundamentals	3 Prerequisite: CS	SC 105	
2 <sup>nd</sup> 8 weeks	<u> </u>		
MAT 152 College Algebra	Prerequisite: M	AT 097 or a satisfactory score	
Mathematics	J	atics skills assessment.	
<ul> <li>ENG 102 College Composition II</li> </ul>	Prerequisites: E 103. Reading Pr	NG 101 or ENG 101A or ENG oficiency.	
College Composition or Applied Communication  Term hours			
	Hours Notes		
Summer Term 1 7 credit hours	DECOMMANDE	D COURSE. See the program	
<ul> <li>CNT 110 A+ Computer Technician Certification Program Elective</li> </ul>	electives and/o additional option	or see an Academic Advisor for ons.	
<ul> <li>CNT 105 Cybersecurity Principles         Program Elective     </li> </ul>		D COURSE. See the program or see an Academic Advisor for ons.	
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: R	eading Proficiency	
1 <sup>st</sup> 8 weeks			
CSA 282 Database Concepts	3		
CNT 101 Networking and Cybersecurity Funda     Program Elective	Hemais 4	D COURSE. See the program or see an Academic Advisor for	
2 <sup>nd</sup> 8 weeks	additional option	5113.	
CSC 220 Programming: Java	3 Prerequisite: C	SC 105	
GEO 103 Introduction to Physical Geography     Physical and Biological Science	4		
Term hours	subtotal: 17		
Spring Term 2 13 credit hours	Hours Notes		
1 <sup>st</sup> 8 weeks			
	o Prerequisites: (	CSC 105 (may not be taken	
CSC 211 Programming: PHP and MySQL	concurrently) a	nd CSA 282 (may be taken	
<ul> <li>CSA 281 Systems Analysis and Design</li> </ul>	3 Prerequisites:	CSA 110 and CSC 105	
and a contract of the contract		and the week and	
	- C !!-	sted with WEB 205	
<ul> <li>2<sup>nd</sup> 8 weeks</li> <li>CSC 205 Programming: JavaScript, HTML &amp; CS</li> </ul>	3	SC 105 (may be taken	
	Prerequisite: C concurrently)		
<ul> <li>CSC 205 Programming: JavaScript, HTML &amp; CS</li> <li>HUM 101 Introduction to Popular Culture         Arts and Humanities AND/OR Social and Behavioral Science     </li> </ul>	Prerequisite: C concurrently) Prerequisite: R	SC 105 (may be taken eading Proficiency	
HUM 101 Introduction to Popular Culture	Prerequisite: C concurrently)  Prerequisite: R	SC 105 (may be taken eading Proficiency CSA 126 and CSA 281 and CSA	

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.

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