Yavapai COLLEGE

Computer Networking: Cybersecurity AAS
Total Credits: 63
Progression Plan

Fall Term 1 *15 credit hours*	Hours	Notes
• CNT 110 A+ Computer Technician Certification	4	
• CNT 105 Cybersecurity Principles	3	
1st 8 weeks		
• CNT 101 Networking and Cybersecurity Fundamentals	4	
2nd 8 weeks		
• CNT 140 Cisco Routing and Switching I	4	**Prerequisites**: CNT 101
Term hours subtotal:	**15**	

Spring Term 1 *15 credit hours*	Hours	Notes
1st 8 weeks		
• CNT 150 Cisco Routing and Switching II	3	**Prerequisites**: CNT 140
• CNT 190 Programming and Scripting for Network Admins	3	**Prerequisites**: CNT 101
2nd 8 weeks		
• CNT 118 Operating System Fundamentals **OR** CNT 120 Introduction to Windows Server	3	**Prerequisites**: CNT 101 or CNT 110
• CNT 135 Security+: Implementing and Maintaining Network Security	3	**Prerequisites**: CNT 105 or CNT110
• CNT 250 Securing Network Devices	3	**Prerequisites**: CNT 150
Term hours subtotal:	**15**	

Summer Term 1 *6 credit hours*	Hours	Notes
• ENG 101 College Composition I *Recommended College Composition or Applied Communication*	3	
• MAT 142 College Mathematics *Recommended Mathematics*	3	
Term hours subtotal:	**6**	

Fall Term 2 *16 credit hours*	Hours	Notes
• CNT 131 Linux System Administration	3	**Prerequisites**: CNT 118
• CNT 235 Cybersecurity Operations	3	**Prerequisites**: CNT 135 and CNT 150
• CNT 260 Cybersecurity Forensics	3	**Prerequisites**: CNT 118 and CNT 135
• CHM 130 Fundamental Chemistry *Recommended Physical and Biological Science*	4	**Prerequisites**: MAT 092 or one year of high school algebra or satisfactory score on mathematics skills assessment. Reading Proficiency.
1st 8 weeks		
• ENG 136 Professional Writing in the Workplace *Recommended College Composition or Applied Communication*	3	
Term hours subtotal:	**16**	

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Spring Term 2 *11credit hours*	Hours	Notes
• CNT 275 Penetration Testing and Vulnerability Assessment	3	**Prerequisites**: CNT 135 and CNT 190
• CNT 293 CNT Project: Cybersecurity	2	**Prerequisites**: CNT 235 and CNT 250 and CNT 260
1st 8 weeks		
• AJS 123 Ethics and Criminal Justice Recommended Social and Behavioral Sciences	3	**Prerequisites**: Reading Proficiency
2nd 8 weeks		
• PHI 110 Critical Thinking in the Digital Age Recommended Arts and Humanities	3	**Prerequisites**: Reading Proficiency
Term hours subtotal:	**11**	

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.