

IT Cyber Security & Networking Degree: A25590H

Total Semester Hours Required for Associates Degree: 74 Credit Hours

Fall Year 1

Complete	Course	Title	Credits	Co or PRE-Requisite/Notes
	ACA-111	College Student Success	1	
	CTS-115	Info Sys Business Concepts	3	ENG-002
	CTI-110	Web, Programming & DB Foundation	3	
	CTI-120	Network and Security Foundation	3	
	ENG-111	Writing & Inquiry	3	ENG-002
	NOS-110	Operating System Concepts	3	ENG-002
TOTAL: 16 CREDIT HOURS				

Spring Year 1

Complete	Course	Title	Credits	Co or PRE-Requisite/Notes
	CTI-240	Virtualization Admin I	3	NOS-110
	CTS-120	Hardware/Software Support	3	
	SEC-110	Security Concepts	3	
	NOS-230	Windows Admin I	3	NOS-110
	NET-125	Intro to Networks	3	MAT-003 & ENG-002
TOTAL: 15 CREDIT HOURS				

Summer Year 1

Complete	Course	Title	Credits	Co or PRE-Requisite/Notes
	ENG-112	Writing/Research in the Disciplines	3	ENG-111
	-	Humanities/Fine Arts Elective	3	
	MAT-	Math Elective	3	
	NET-126	Routing Basics	3	NET-125
TOTAL: 12 CREDIT HOURS				

Fall Year 2

Complete	Course	Title	Credits	Co or PRE-Requisite/Notes
	CTI-141	Cloud & Storage Concepts	3	
	NET-126	Routing Basics	3	NET-125
	NOS-120	Linux Single User	3	NOS-110
	SEC-151	Intro to Protocol Analysis	3	
	SEC-160	Secure Administration I	3	
	-	IT Cyber Security/Net Major Elective	1	
TOTAL: 16 CREDIT HOURS				

Spring Year 2

Complete	Course	Title	Credits	Co or PRE-Requisite/Notes
	CTI-289	CTI Capstone Project	3	CTI-110, CTI-120 & CTS-115
	NET-225	Routing and Switching I	3	NET-126
	NOS-220	Linux Administrator I	3	NOS-120
	SEC-175	Perimeter Defense	3	
	SEC-210	Intrusion Detection	3	
TOTAL: 15 CREDIT HOURS				

Electives: One Credit Hours Required

Course	Title	CR	Pre-Req	Course	Title	CR	Pre-Req
CIS-110	Intro to Computers	3		CTS-287	Emerging Technologies	3	
CIS-115	Intro to Program & Logic	3	ENG-002/P1	DBA-120	Database Programming	3	CTI-110
CTS-155	Tech Support Functions	3	MAT-003/P1	NET-226	Routing and Switching II	3	NET-125
CTS-240	Project Management	3					

Work Based Learning elective courses: WBL-111 and WBL-112. Contact advisor for additional information on work based learning courses.

*Course are subject to change without notice.