Information Technology - Cybersecurity & Networking

Associate in Applied Science

Program [Information Technology](#)
Program Code A25590H

RECOMMENDED COURSE SEQUENCE

Fall Semester - Year One

Course Code	Course Title	Credits	Notes
ACA-111	College Student Success	1	
CIS-115	Introduction to Programming and Logic	3	
CTI-110	Web, Programming, and Database Foundation	3	
CTI-120	Network and Security Foundation	3	
ENG-111	Writing and Inquiry	3	
NOS-110	Operating Systems Concepts	3	

Spring Semester - Year One

Course Code	Course Title	Credits	Notes
CTI-240	Virtualization Administration I	3	
CTS-115	Information Systems Business Concepts	3	
NET-125	Introduction to Networks	3	
NOS-220	Linux/Unix Administration I	3	
SEC-110	Security Concepts	3	

Summer Semester - Year One

Course Code	Course Title	Credits	Notes
ENG-112	Writing and Research in the Disciplines	3	
ECO-251	Principles of Microeconomics	3	
	Humanities/Fine Arts Elective AAS (3 credits)	3	
	Math Requirement AS and ASTP (4 credits)	4	

Fall Semester - Year Two

Course Code	Course Title	Credits	Notes
CTI-141	Cloud and Storage Concepts	3	

Course Code	Course Title	Credits	Notes
NET-126	Switching and Routing	3	
NOS-230	Windows Administration I	3	
SEC-151	Introduction to Protocol Analysis	3	
SEC-160	Security Administration I	3	
	IT Cyber Security Major Elective (Tech Support)	1-6	

Spring Semester - Year Two

Course Code	Course Title	Credits	Notes
CTI-289	Computer Technology Integration Capstone Project	3	
NET-225	Enterprise Networking	3	
NET-226	Network Programmability	3	
SEC-175	Perimeter Defense	3	
SEC-210	Intrusion Detection	3	

Total Credits 75

More Information

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