Community: Information Technology
AAS: Cyber Security

2019-20 AAS Map (Start in Spring)
Full-Time College Ready

Required Courses	Title	Credits
Required	Working knowledge of computers	
	Community College Placement Tests	

First Semester: Spring

Complete	Course Number	Title	Credits	Prerequisite
	CSC 119	Intro to Programming: Python	3	
	CNG 101	Fundamentals of Networking	3	
	ENG 121	English Comp I	3	
	PHI 112	Ethics	3	

Second Semester: Fall

Complete	Course Number	Title	Credits	Prerequisite
	CNG 131	Principles of Information Assurance	3	None
	CNG 132	Network Security Fundamentals	3	CNG 125, CIS 220 & Co-req CNG 131
	CIS 220	Fundamentals of Unix	3	CSC 119
	ENG 131	Technical Writing	3	

Third Semester: Spring

Compete	Course Number	Title	Credits	Prerequisite
	CNG 133	Firewalls/Network Security	3	CNG 132
	CNG 136	Guide to IT Disaster Recovery	3	CNG 131
	MAN 210	Aligning Technology w/Business Strategy	3	None
	COM 115	Public Speaking	3	
	PSY 101	Introduction to Psychology	3	

Fourth Semester: Fall

Complete	Course Number	Title	Credits	Prerequisite
	CNG 243	Cloud Security & Cyber Law	3	CNG 136
	CNG 256	Vulnerability Assessment I	3	CNG 133 & Co-req CNG 257
	CNG 257	Network Defense & Countermeasures	3	CNG 133 & Co-req CNG 256
	CNG 280	Internship	3	Instructor Approval

Fifth Semester: Spring

c	Course Number	Title	Credits	Prerequisite
	CNG 258	Digital Forensics	4	CNG 257 & Co-req CNG 259
	CNG 259	Enterprise Security	4	CNG 257 & Co-req CNG 258
	CIS 268	Systems Analysis & Design	3	
	MAT 121	College Algebra	4	

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Disclaimer: The contents of this sample represent the most current information available at the time of publication. However, during the period of time covered by this sample it is reasonable to expect changes to be made with respect to this information without prior notice. Students should regularly meet with the faculty advisor listed for the program.