



Cyber Security
 Associate in Applied Science
 Four-Semester Pathway - Academic Year 2019-2020

Semester 1	Requirement	Recommended	Prerequisites	Corequisites	Credits	My Plan
FIGS-100	Freshman Interest Group				1	
MATH-125	Intro. To Discrete Mathematics		MATH-050		3	
ENGL-100	English Composition		ENGL-090, ENGL-095		3	
CMIT- 105	Network Fundamentals			MATH-050, ENGL-090, ENGL-095	3	
CMIT-100	Introduction to Information Technology			MATH-050, ENGL-090, ENGL-095	3	
Semester 2						
ENGL-115	Introduction to Literature		ENGL-100		3	
ENGL-110	Oral Communications		ENGL-090, ENGL-095		3	
	MATH Elective (MATH-140 or Higher)		See course prerequisites	See course corequisites	3 or 4	
INSC-170	Computer Forensics		ENGL-090, ENGL-095		4	
INSC-160	Fundamentals of Network Security		CMIT-100, CMIT-105, MATH-050	ENGL-100	4	
Semester 3						
CMIT-225	Routing and Switching Fundamentals		CMIT-100, CMIT-105		3	
INSC-270	Information Security and Ethics		INSC-160		4	
	Computer/Technical Elective	See List Below (INSC-260 is required for INSC/CMIT double majors)	See course prerequisites	See course corequisites	3	
	Social Science Elective	PSYC-100 Psychology OR SOCL-100 Sociology	See course prerequisites	See course corequisites	3	
	Science with a Lab		See course prerequisites	See course corequisites	4	
Semester 4						
	Computer/Technical Elective	See List Below	See course prerequisites	See course corequisites	3	
INSC-280	Ethical Hacking		CMIT-225, INSC-160		4	
	Social Science Elective		See course prerequisites	See course corequisites	3	
	MATH Elective (MATH-140 or Higher)		See course prerequisites	See course corequisites	3 or 4	

Computer/Technical Electives include: CMIT-110 Database Fundamentals, CMIT-120 Linux System Administration, CMIT-140 Virtualization Fundamentals, CMIT-215 Microsoft Client OS, CMIT-220 Windows/Active Directory Fundamentals, CMIT-240 Advanced Virtualization, CMIT-270 Project Management, CNMS-165 Website Production, CNMS-275 Web Application Programming, COMM-201 Technical Writing/Communication, CSCI-110 Principles of Computer Science, INSC-260 Management of Information Security, and INSC-275 Cyberlaw

Cyber Security

General Education Requirements					
Course Code	COURSE TITLE	PREREQUISITES	COREQUISITES	CREDITS	MET
ENGL-100	English Composition	ENGL-090, ENGL-095		3	
ENGL-115	Introduction to Literature	ENGL-100		3	
FIGS-100	Freshman Interest Group			1	
MATH-125	Introduction to Discrete Mathematics	MATH-050		3	
	Science Elective with Lab			4	
ENGL-110	Oral Communications	ENGL-090, ENGL-095		3	
	Social Science Electives			6	

Major Required Courses					
Course Code	COURSE TITLE	PREREQUISITES	COREQUISITES	CREDITS	MET
CMIT-100	Introduction to Information Technology		MATH-050, ENGL-090, ENGL-095	3	
CMIT-105	Network Fundamentals		MATH-050, ENGL-090, ENGL-095	3	
CMIT-225	Routing and Switching Fundamentals	CMIT-100, CMIT-105		3	
INSC-160	Fundamentals of Network Security	CMIT-100, CMIT-105, MATH-050	ENGL-100	4	
INSC-170	Computer Forensics	MATH-050, ENGL-075		4	
INSC-270	Information Security and Ethics	INSC-160		4	
INSC-280	Ethical Hacking	CMIT-225, INSC-160		4	
MATH-ELE	Math Elective (MATH 140 or Higher)	MATH-050		6	
CMIT/TECH-ELE	Computer/Technical Elective			6	

2019-2020