



Information Technology, Career Track

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	Introduction to Discrete Mathematics		MATH-050		3	
ENGL-100	English Composition		ENGL-090, ENGL-095		3	
CMIT-100	Introduction to Information Technology			MATH-050, ENGL-090, ENGL-095	3	
CMIT-105	Networking Fundamentals			MATH-050, ENGL-090, ENGL-095	3	
	Information Technology Elective		See course prerequisites	See course corequisites	3	
Semester 2						
ENGL-115	Introduction to Literature		ENGL-100		3	
CMIT-120	Linux System Administration		CMIT-100, CMIT-105		3	
CMIT-140	Virtualization Fundamentals		CMIT-100, CMIT-105		3	
INSC-160	Fundamentals of Network Security		CMIT-100, CMIT-105, MATH-050	ENGL-100	4	
	Information Technology Elective		See course prerequisites	See course corequisites	3	
Semester 3						
CMIT-215	Microsoft Client Operating Systems		CMIT-100, CMIT-105		3	
CMIT-225	Routing and Switching Fundamentals		CMIT-100, CMIT-105		3	
ENGL-110	Oral Communications		ENGL-090, ENGL-095		3	
	Information Technology Elective		See course prerequisites	See course corequisites	3	
	Information Technology Elective		See course prerequisites	See course corequisites	3	
Semester 4						
CMIT-295	Senior Capstone Project		CMIT-215		3	
	Information Technology Elective		See course prerequisites	See course corequisites	3	
	Science Elective with Lab		See course prerequisites	See course corequisites	4	
	Social Science Elective	PSYC-100 Intro to Psychology	See course prerequisites	See course corequisites	3	
	Social Science Elective	SOCI-100 Intro to Sociology	See course prerequisites	See course corequisites	3	

Double majors of IT/Cyber Security need to take INSC 260 Management of Information Security as an elective so they will have the 15 credits minimum to qualify for an INSC AAS. INSC-160 is required for both majors, so can't be used for the total INSC AAS credits for the major.

Information Technology

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 Electivewith Lab			4	
ENGL-110	Oral Communication	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		ENGL-090, ENGL-095, MATH-050	3	
CMIT-105	Network Fundamentals		ENGL-090, ENGL-095, MATH-050	3	
CMIT-120	Linux System Administration	CMIT-100, CMIT-105		3	
CMIT-140	Virtualization Fundamentals	CMIT-100, CMIT-105		3	
CMIT-215	Microsoft Client Operating Systems	CMIT-100, CMIT-105		3	
CMIT-225	Routing and Switching Fundamentals	CMIT-100, CMIT-105		3	
CMIT-295	Senior Capstone Project	CMIT-215		3	

Select one area of focus from the following tracks:

Transfer Track					
Course Code	COURSE TITLE	PREREQUISITES	COREQUISITES	CREDITS	MET
CMIT-110	Database Fundamentals		ENGL-090, ENGL-095, MATH-050	3	
CMIT-220	Windows Server and Active Directory Fundamentals	CMIT-100, CMIT-105	CMIT-215	3	
CNMS-165	Website Production	CMIT, CNMS, or CSCI Program Acceptance		3	
CNMS-275	Web Application Programming	CNMS-165		3	
CSCI-110	Principles of Computer Science	MATH-050		4	
MATH-140	College Algebra	MATH-050		3	

Career Track					
Course Code	COURSE TITLE	PREREQUISITES	COREQUISITES	CREDITS	MET
INSC-160	Fundamentals of Network Security	CMIT-100, CMIT-105, MATH-050	ENGL-100	4	
	Information Technology Electives			15	

2019-2020