



**Information Technology**  
**Associate in Applied Science**  
**Four Semester Pathway Academic Year 2021-2022**

Semester 1	Requirement	Recommended	Prerequisites	Corequisites	Credits	My Plan
FIGS 100	Student Success Elective				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	
CMIT 110 OR	Database Fundamentals	Transfer Track		MATH 050, ENGL 090, ENGL 095	3	
	Information Technology Elective	Career Track	See course prerequisites	See course corequisites	3	
<b>Semester 2</b>						
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	
CNMS 165 OR	Website Production	Transfer Track	CMIT Program Acceptance		3	
INSC 160	Fundamentals of Network Security	Career Track	CMIT 100, CMIT 105, MATH 050	ENGL 100	4	
CSCI 110 OR	Principles of Computer Science	Transfer Track	MATH 050		4	
	Information Technology Elective	Career Track	See course prerequisites	See course corequisites	3	
<b>Semester 3</b>						
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	
CMIT 220 OR	Windows Server and Active Directory Fundamentals	Transfer Track	CMIT 100, CMIT 105		3	
	Information Technology Elective	Career Track	See course prerequisites	See course corequisites	3	
MATH 140 OR	College Algebra	Transfer Track	MATH 050		3	
	Information Technology Elective	Career Track	See course prerequisites	See course corequisites	3	
<b>Semester 4</b>						
CMIT 295	Senior Capstone Project		CMIT 215		3	
CNMS 275 OR	Web Applications	Transfer Track	CNMS 165		3	
	Information Technology Elective	Career Track	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

<b>General Education Requirements</b>					
Course Code	COURSE TITLE	PREREQUISITES	COREQUISITES	CREDITS	MET
ENGL 100	English Composition	ENGL 090, ENGL 095		3	
ENGL 115	Introduction to Literature	ENGL 100 or ENGL 101		3	
FIGS 100	Student Success Elective			1	
MATH 125	Introduction to Discrete Mathematics	MATH 050		3	
	Science Elective with Lab			4	
ENGL 110	Oral Communication	ENGL 090, ENGL 095		3	
	Social Science Electives			6	

<b>Major Required Courses</b>					
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:

<b>Transfer Track</b>					
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	

<b>Career Track</b>					
Course Code	COURSE TITLE	PREREQUISITES	COREQUISITES	CREDITS	MET
INSC 160	Fundamentals of Network Security	CMIT 100, CMIT 105, MATH 050	ENGL 100 or ENGL 101	4	
	Information Technology Electives			15	