



**Information Technology, Career Track**  
**Associate in Applied Science**  
**Four Semester Pathway Academic Year 2022-2023**

Semester 1	Requirement	Recommended	Prerequisites	Corequisites	Credits	My Plan
FIGS 100	Student Success Elective				1	
MATH 125	Introduction to Discrete Mathematics		MATH 040		3	
ENGL 100	English Composition		ENGL 080		3	
CMIT 100	Introduction to Information Technology			MATH 040, ENGL 080	3	
CMIT 105	Networking Fundamentals			MATH 040, ENGL 080	3	
	Information Technology Elective		See course prerequisites	See course corequisites	3	
<b>Semester 2</b>						
ENGL 115	Introduction to Literature		ENGL 100 or ENGL 101		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 040	ENGL 100 or ENGL 101	4	
	Information Technology Elective		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 080		3	
	Information Technology Elective		See course prerequisites	See course corequisites	3	
	Information Technology Elective		See course prerequisites	See course corequisites	3	
<b>Semester 4</b>						
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	
				<b>Total Credits</b>	<b>63</b>	

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 080		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 040		3	
	Science Elective with Lab			4	
ENGL 110	Oral Communication	ENGL 080		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 080, MATH 040	3	
CMIT 105	Network Fundamentals		ENGL 080, MATH 040	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 080, MATH 040	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 040		4	
MATH 140	College Algebra	MATH 040		3	

<b>Career Track</b>					
Course Code	COURSE TITLE	PREREQUISITES	COREQUISITES	CREDITS	MET
INSC 160	Fundamentals of Network Security	CMIT 100, CMIT 105, MATH 040	ENGL 100 or ENGL 101	4	
	Information Technology Electives			15	

2022-2023