

ACADEMIC MAP

Computer & Information Technology, A.A.S



Semester 1

COURSE	CR	COMMENTS
COLL 101 ORIENTATION TO COLLEGE	1	
CIT 105 INTRODUCTION TO NETWORKS	5	
WRITING AND RHETORIC ELECTIVE	3	
CIT 101 PC MGMT & MAINTENANCE	5	
MATH 125 OR MATH 126	3	
TOTAL:	17	



The **Associate of Applied Science in Computer and Information Technology** gives students a foundation in computer hardware and operating systems, and provides hands-on coursework in network administration through Cisco Networking Academy courses, and systems administration through Microsoft Windows and Linux courses

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MILESTONE COURSE: These courses are the keys to graduation. Courses should be taken in the recommended semesters to stay on time for completion.



CAREER PLANNING: Systems Technician, IT professional, Network Administrator.



CAPSTONE COURSE: A semester long networking project that must

be taken in the graduation semester. A "C" or better must be earned. Net + Certification



Students should average 15 credit hours per semester, or 30 per year, to graduate on time.

Semester 2

COURSE	CR	COMMENTS
PEOPLE AND THEIR WORLDS ELECTIVE	3	
CIT 130 PRINCIPLES OF INFORMATION SYSTEMS	3	
CIT 106 ROUTING & SWITCHING ESSENTIALS	4	
CIT 114 WINDOWS OPERATING SYSTEMS	3	
TOTAL:	13	

Semester 3

COURSE	CR	COMMENTS
CS 121 INTRODUCTION TO PROGRAMMING	4	
CIT 211 NETWORK INFRASTRUCTURE (MCP)	3	
PHYS 101 ~INTRO TO PHYSICS 1	4	
CIT 205 ENTERPRISE NETWORKS & SECURITY	4	
TOTAL:	15	

Semester 4

COURSE	CR	COMMENTS
HUMAN COMMUNICATION AND INTERACTION ELECTIVE	3	
SEC 101 SECURITY FUNDAMENTALS	3	
CIT 240 INTRODUCTION TO LINUX	3	
CIT 260 CAPSTONE PROJECT	3	
TECHNICAL ELECTIVE	2	Any non-required CIT, CS, SEC, DRAF, or ELEC course
TOTAL:	14	

TOTAL DEGREE CREDITS:

59

2022-2023

Foundational Learning Courses (FLCs):

To ensure breadth and depth as students meet these broad education goals, the curriculum focuses on six academic “strands.”

Aesthetics, Creativity, and Appreciation	Human Communication and Interaction	People and Their Worlds	Quantitative Reasoning	Scientific Inquiry	Writing and Rhetoric
ART-101	COMM-105	ECON-201	MATH-120	ASTR-106 BIOL-101	ENGL-101
ART-111	COMM-111	ECON-202	MATH-125	BIOL-102	ENGL-102
ENGL-131	COMM-112	GEOG-102	MATH-126	BIOL-103	ENGL-107
ENGL-132	COMM-202	HIST-101	MATH-211	BIOL-104	
ENGL-221		HIST-102		BIOL-107	
ENGL-222		HIST-152		BIOL-108	
ENGL-241		HIST-153		BIOL-109	
ENGL-242		HIST-250		BIOL-115	
ENGL-257		PHIL-111		BIOL-117	
ENGL-261		PHIL-150		BIOL-171	
ENGL-262		PHIL-231		CHEM-111	
ENGL-285		POLS-101		CHEM-115	
MUSI-170		POLS-102		CHEM-116	
THEA-101		PSYC-101		GEOL-101	
		PSYC-241		GEOL-102	
		SOC-101		GEOL-103	
		SOC-107		GEOL-104	
		SOC-221		GEOL-105	
				PSCI-101	
				PSCI-111	
				PSCI-112	
				PHYS-101	
				PHYS-102	
				PHYS-111	