



Computer Network Technology Associate of Applied Science Degree Computer and Networking Security Track

Required Major Courses (28 credit hours)

CIS	124	Intro to Operating Systems	3
CIS	118	Intro to PC Applications	3
CIS	202	Automated Project Mgmt: MS Project	3
CIS	287	Coop Education Career Training	3
CNG	121	Computer Technician I: A+	4
CNG	124	Networking I: Network + (Fall)	3
CNG	125	Networking II: Network + (Spring)	3
CNG	131	Network Security Fundamentals (Fall/Spring)	3
CNG	224	Microsoft Windows Wireless Network (Fall)	3

Required Computer and Networking Security Track (21 credit hours)

CIS	220	Fundamentals of UNIX/Linux (Fall)	3
CIS	232	UNIX Shell Programming (Fall)	3
CNG	253	Firewalls and How They Work (Fall)	3
CNG	136	Guide to Disaster Recovery (Spring)	3
CNG	225	Wireless Network Security (Spring)	3
CNG	257	Network Defense and Countermeasures (Spring)	3
CNG	258	Computer Forensics (Spring)	3

Required General Education Courses (13 credit hours)

MAT	121	College Algebra	4
SPE	125	Interpersonal Communication	3
ENG	131	Technical Writing I	3
MAN	230	Corporate Responsibility	3

General Electives (0 - 3 credit hours)

Depending on program emphasis students will select 0 to 3 credit hours from the CIS, CNG, CWB or CSC program areas. Please see the faculty advisor for information.

Total Credit Hours

62- 65

Suggested Two Year Plan for Computer Network Technology

Associate of Applied Science Degree

Computer and Networking Security Track

Computer and Networking Security Certificate only

SEMESTER 1: FALL		Credits	SEMESTER 3: FALL		Credits
CIS 118	Intro to PC Applications	3	CIS 202	Automated Project Mgmt: MS Project	3
CIS 124	Intro to Operating Systems	3	CIS 220	Fundamentals of UNIX/Linux	3
CNG 121	Computer Technician I: A+	4	CIS 232	UNIX/Linux Shell Programming	3
CNG 124	Networking I: Network +	3	CNG 224	Microsoft Windows Wireless Network	3
ENG 131	Technical Writing I	<u>3</u>	CNG 253	Firewalls and How They Work	<u>3</u>
		16			15
SEMESTER 2: SPRING			SEMESTER 4: SPRING		
CNG 125	Networking II: Network +	3	CIS 287	Coop Education Career Training	3
CNG 131	Network Security Fundamentals	3	CNG 136	Guide to Disaster Recovery	3
MAN 230	Corporate Responsibility	3	CNG 225	Wireless Network Security	3
MAT 121	College Algebra	4	CNG 257	Network Defense & Countermeasures	3
SPE 125	Interpersonal Communication	<u>3</u>	CNG 258	Computer Forensics	<u>3</u>
		16			15