



Education Plan (Sequenced): Computer Science

Degree/Certificate: Associate of Applied Science in Networking Cybersecurity

Year 1: Semester 1

Course	Semester Credit Hours
ITNW 1308 Implementing and Supporting Client Operating System	3
ITNW 1358 Network +	3
ITSY 1342 Information Technology Security	3
ITSC 1325 Personal Computer Hardware	3
ITSE 1329 Programming Logic and Design	3
Total	15

Year 1: Semester 2

Course	Semester Credit Hours
IMED 1301 Introduction to Digital Media	3
<i>(Completion of Technical Core Certificate)**</i>	
ITSY 2445 Network Defense and Countermeasures	4
ITSY 2401 Firewalls and Network Security	4
COSC 1436 Programming Fundamentals I	4
Total	15

Year 2: Semester 1

Course	Semester Credit Hours
ITSC 1307 Unix Operating System	3
ITMT 1406 Computer Systems Networking and Telecommunications	4
ITSY 2417 Wireless Security Development	4
ITSY 2443 Computer Systems Forensics	4
<i>(Completion of Networking Certificate of Technology)**</i>	
Total	15

Year 2: Semester 2

Course	Semester Credit Hours
BCIS 1305 Business Computer Applications	3
ENGL 1301 Composition I	3
Mathematics*	3
Social & Behavioral Sciences*	3
Creative Arts, or Language, Philosophy & Culture*	3
Total	15

*See Core Curriculum for course options

**Must complete Technical Core Certificate and Networking Certificate of Technology