



Education Plan (Sequenced): Computer Science (Networking Cybersecurity)

Degree/Certificate: Associate of Applied Science in Networking Cybersecurity

Year 1: Semester 1

Course	Semester Credit Hours
ITNW 1358 Network+	3
ITSE 1329 Programming Logic and Design	3
ITSY 1342 Information Technology Security	3
ITNW 1308 Implementing and Supporting Client Operating Systems	3
ITNW 1309 Fundamentals of Cloud Computing	3
Total	15

Year 1: Semester 2

Course	Semester Credit Hours
ITSC 1325 Personal Computer Hardware	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	4
Total	15

Year 2: Semester 1

Course	Semester Credit Hours
ITSC 1316 Linux Installation and Configuration	3
ITMT 1406 Computer Systems Networking and Telecommunications	4
ITSY 2443 Computer Systems Forensics	4
ITSY 2459 Security Assessment and Auditing+	4
<i>(Completion of Networking Cybersecurity Certificate of Technology)**</i>	
Total	15

Year 2: Semester 2

Course	Semester Credit Hours
BCIS 1305 Business Computer Applications	3
ENGL 1301 Composition 1	3
Creative Arts* or Language, Philosophy, & Culture*	3
Mathematics* (Rec: MATH 1314, 1316, 1324, 1325, 2413, or 2414)	3/4
Social & Behavioral Sciences*	3
Total	15/16

+Capstone Experience



Science, Technology, Engineering & Mathematics



*See Core Curriculum for course options

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