



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

Degree/Certificate: Networking Cybersecurity Certificate of Technology

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>	
COSC 1436 Programming Fundamentals I	4
ITMT 1406 Computer Systems Networking and Telecommunications	4
ITSC 1307 Unix Operating System	3
Total	14

Year 2: Semester 1

Course	Semester Credit Hours
ITSY 2401 Firewalls and Network Security	4
ITSY 2443 Computer Systems Forensics	4
ITSY 2445 Network Defense and Countermeasures	4
ITSY 2459 Security Assessment and Auditing	4
Total	16

+Capstone Experience

\*\*Must complete Technical Core Certificate