COMPUTER INFORMATION TECHNOLOGY - CYBERSECURITY SPECIALIST, CERTIFICATE OF ACHIEVEMENT (LEVEL I)

NMC Code 097

With devices and technologies connecting globally, businesses and organizations have to be ready for the next cyberthreat. This certificate provides students with the opportunity to acquire foundational knowledge and skills to support these entities in staying safe. Students that earn this certificate are qualified to be hired as cybersecurity specialists and analysts.

This certificate consists of courses that focus on understanding networking, network security, application security, penetration testing and cybersecurity vulnerability assessment.

This certificate program is designed to prepare students for the following internationally recognized certifications:

- Certiport Information Technology Specialist - Python
- Certiport Information Technology Specialist - Networking
- Certiport Information Technology Specialist - Network Security
- Certiport Information Technology Specialist - Cloud
- CompTIA Network+ ® Certification
- CompTIA Security+ ® Certification
- CompTIA Cloud+® Certification
- CompTIA Linux+® Certification
- CompTIA Pentest+ ® Certification
- CompTIA CySA+ ® Certification
- Microsoft Azure® AZ-800 Certification

Program Note:

- Completion of this certificate may lead to an AAS degree in CIT-Infrastructure and Security. See an advisor for details.

Requirements
certificate requirements

Course	Title	Credits
CIT 135	Intro to Programming UsiPython [1]	3
CIT 213	Networking Technologies [1]	4
CIT 240	Network Security Management [1]	3
CIT 243	Cloud Technologies [1]	3
CIT 247	Windows Identity & Policy	3
CIT 256	Linux Administration	3
CIT 263	Cybersecurity Penetr. Testing	3
CIT 264	Cybersec Analyt&Threat Analys.	3
Total Credits		**25**

[1] Certiport Information Technology Specialist certification exam is included.

Course Sequence Guide

Course	Title	Credits
Year 1		
Spring		
CIT 135	Introduction to Programming Using Python [1]	3
CIT 213	Networking Technologies [1]	4
CIT 240	Network Security Management [1]	3
CIT 256	Linux Administration	3
	Credits	**13**
Year 2		
Fall		
CIT 243	Cloud Technologies [1]	3
CIT 247	Windows Identity & Policy	3
CIT 263	Cybersecurity Penetration Testing	3
CIT 264	Cybersecurity Analytics and Threat Analysis	3
	Credits	**12**
	Total Credits	**25**

[1] Certiport Information Technology Specialist certification exam is included.