COMPUTER INFORMATION TECHNOLOGY - INFRASTRUCTURE SPECIALIST III, CERTIFICATE OF ACHIEVEMENT (LEVEL III)

NMC Code 024

After completing the Infrastructure Specialist II Certificate students may elect to obtain a Level III certificate. This certificate prepares students for additional skills and knowledge in cybersecurity.

The content in this certificate prepares students for the following additional internationally recognized certifications.

- Certiport Information Technology Specialist - Cybersecurity
- CompTIA PenTest+ ® Certification
- CompTIA CySA+ ® Certification
- CompTIA SecurityX ® Certification

PROGRAM NOTE

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

Requirements
Certificate Requirements

Course	Title	Credits
Complete Level II Certificate Requirements		**34**
BUS 155	Interpersonal Communications	3
For CompTIA PenTest+® Certification		
CIT 263	Cybersecurity Penetr. Testing	3
For CompTIA CySA+® Certification		
CIT 264	Cybersec Analyt&Threat Analys.	3
For CompTIA Security X ® Certification		
CIT 266	Advanced Enterprise Security [1]	3
Occupational Requirements		
CIT 290	CIT Internship [2]	3
Total Credits		**49**

[1] Certiport Information Technology Specialist certification exam included.

[2] Students planning to take the internship class require department approval and are required to have a GPA of 3.0 in their CIT classes. It is also recommended that students have 20 credits in CIT classes and an overall GPA of 2.0. *While a 3.0 GPA in CIT classes is required for this internship, an alternative, campus-based internship opportunity is available for students who do not meet this requirement.*

Course Sequence Guide

Course	Title	Credits
Year 1		
Fall		
CIT 112	Scripting and Automation	3
CIT 135	Introduction to Programming Using Python [1]	3
CIT 160	Cisco Internetworking I	3
CIT 161	Cisco Internetworking II	3
CIT 213	Networking Technologies [1]	4
	Credits	**16**
Spring		
BUS 155	Interpersonal Communications	3
CIT 215	Server Technologies	3
CIT 240	Network Security Management [1]	3
CIT 256	Linux Administration	3
CIT 260	Cisco Internetworking III	3
	Credits	**15**
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**
Spring		
CIT 266	Advanced Enterprise Security [1]	3
CIT 290	CIT Internship [2]	3
	Credits	**6**
	Total Credits	**49**

[1] Certiport Information Technology Specialist certification exam included.

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