

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 areas such as cybersecurity. The content in this certificate prepares students for the following additional internationally recognized certifications.

- CompTIA Security+®
- CompTIA PenTest+®
- CompTIA CySA+®
- CompTIA CASP+®

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
For CompTIA Security+®		
CIT 240	Network Security Management ¹	3
For CompTIA PenTest+® Certification		
CIT 263	Security ASMT. and Compliance	3
For CompTIA CySA+® Certification		
CIT 264	Security Analytics & Assurance	3
For CompTIA CASP+® Certification		
CIT 266	Advanced Enterprise Security	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 110	Programming Logic and Design	3
CIT 112	Scripting and Automation ¹	3
CIT 160	Cisco Internetworking I	3
CIT 161	Cisco Internetworking II	3
CIT 213	Networking Technologies ¹	4
Credits		16
Spring		
CIT 215	Windows Server Environment	3
CIT 256	Linux Administration	3
CIT 240	Network Security Management ¹	3
CIT 260	Cisco Internetworking III	3
Credits		12
Year 2		
Fall		
CIT 246	Windows Server Infrastructure	3
CIT 263	Security ASMT. and Compliance	3
CIT 264	Security Analytics & Assurance	3
Credits		9
Spring		
CIT 243	Cloud Technologies	3
CIT 247	Enterprise Solutions	3
CIT 266	Advanced Enterprise Security	3
CIT 290	CIT Internship ²	3
Credits		12
Total Credits		49

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