

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

NMC Code 030

Students completing the Infrastructure Specialist I Certificate may elect to continue their education and obtain a Level II Certificate. This certificate prepares students for additional skills and knowledge in areas such as operating systems, cloud computing, and network security.

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

- CompTIA Server+® Certification
- CompTIA Linux+® Certification
- Certiport Information Technology Specialist - Network Security
- CompTIA Security+® Certification
- Certiport Information Technology Specialist - Cloud Computing
- CompTIA Cloud+® Certification
- Microsoft Azure® AZ-800 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
<b>Complete Level I Certificate Requirements</b>		<b>19</b>
<b>For CompTIA Server+® certification</b>		
CIT 215	Server Technologies	3
<b>For Microsoft Azure® AZ-800 certification</b>		
CIT 247	Windows Identity & Policy	3
<b>For CompTIA Security+® certification</b>		
CIT 240	Network Security Management <sup>1</sup>	3
<b>For CompTIA Linux+® certification</b>		
CIT 256	Linux Administration	3
<b>For CompTIA Cloud+® certification</b>		
CIT 243	Cloud Technologies <sup>1</sup>	3
<b>Total Credits</b>		<b>34</b>

<sup>1</sup> Certiport Information Technology Specialist certification exam included.

## Course Sequence Guide

Course	Title	Credits
<b>Year 1</b>		
<b>Fall</b>		
CIT 135	Introduction to Programming Using Python <sup>1</sup>	3
CIT 112	Scripting and Automation	3
CIT 160	Cisco Internetworking I	3
CIT 161	Cisco Internetworking II	3
CIT 213	Networking Technologies <sup>1</sup>	4
<b>Credits</b>		<b>16</b>
<b>Spring</b>		
CIT 215	Server Technologies	3
CIT 240	Network Security Management <sup>1</sup>	3
CIT 256	Linux Administration	3
CIT 260	Cisco Internetworking III	3
<b>Credits</b>		<b>12</b>
<b>Year 2</b>		
<b>Fall</b>		
CIT 243	Cloud Technologies <sup>1</sup>	3
CIT 247	Windows Identity & Policy	3
<b>Credits</b>		<b>6</b>
<b>Total Credits</b>		<b>34</b>

<sup>1</sup> Certiport Information Technology Specialist certification exam included.