

INTERMEDIATE IT NETWORKING & SECURITY, CERTIFICATE OF COMPLETION

The Intermediate IT Networking & Security Certificate of Completion provides the skills to secure IT systems, manage IT projects and processes, and learn the basics of Linux and Python. This certificate will prepare students for a network administrator, computer systems administrator or information security analyst position in Information Technology. It will also prepare students to sit for the following industry certification exams:

- ITIL Foundation
- Linux+
- Project+
- PenTest+

Upon successful completion of the program, students will be able to:

- Construct a computer program to solve a task using the Python programming and Bash scripting languages.
- Employ best practices in administration and securing of information systems.
- Apply industry standards to both project and process management within an organization.

Noncredit Certificate of Completion Requirements

Code	Title	Units
CSIS 480	Introduction to UNIX and Linux (86 Hours)	
CSIS 481	ITIL Essentials (17 Hours)	
CSIS 486	Network Security Fundamentals/Security+ Prep (102 Hours)	
CSIS 488	Security Practices: Penetration Testing & Discovery (85 Hours)	
CSIS 498	Project Development (36 Hours)	
WORK 496 or WORK 499	Professional and Essential Skills (34-204 Hours) Career-Focused Work Experience	
Total Hours		360-530

Please refer to the program requirements section of the Catalog for information about associate degree requirements and certificate requirements including Information Competency, and General Education requirements.