

INTERMEDIATE IT NETWORKING & SECURITY, CERTIFICATE OF ACHIEVEMENT

The Intermediate IT Networking & Security Certificate of Achievement 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.

Certificate of Achievement Requirements

Code	Title	Units
CSCI 9	Programming Fundamentals: Python	3
CSIS 80	Introduction to UNIX and Linux	3
CSIS 81	ITIL Essentials	1
CSIS 86	Network Security Fundamentals/Security+ Prep	3
CSIS 88	Security Practices: Penetration Testing and Discovery	3
CSIS 98	Project Development	2
WORK 96 or WORK 99	Professional and Essential Skills Career-Focused Work Experience	1-4
Total Units		16-19

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.