

INFORMATION TECHNOLOGY AND NETWORKING

Security Specialist

(CIP 11.0901)

Level I Certificate

The Security Specialist certificate program is designed to prepare student for positions in the information technology security field. The program curriculum covers assessing cyber security risks within organizations, responding to and preventing network security breaches, and writing the policies that determine how organizations will respond in the face of a cyber-threat. Topics include securing client operating systems, network infrastructure, Linux client and server operating systems. PC hardware, network hardware, routing security, and server applications.

Many classes offered in the Security Specialist certificate program can also be applied toward the Network Support Technician Level II Certificate and all apply towards the Network and Computer Systems Administrator AAS degree.

Semester I

ITSC 1305	Introduction to PC Operating Systems
ITSC 1316	Linux Installation and Configuration
ITSC 1325	Personal Computer Hardware
ITSY 1300	Fundamentals of Information Security

Semester II

ITSC 2339	Personal Computer Help Desk Support
ITNW 1313	Computer Virtualization
ITNW 1316	Introduction to Network Administration
ITSY 1342	Information Technology Security (Capstone Course)

Total Semester Hours – 24