

Information Systems Technology Network Security Career Studies Certificate

Purpose: This program is designed as an enhanced competency module to provide expertise in security to networking specialists. This curriculum will prepare networking specialists for employment as network security specialists or internet security specialists. The program also prepares students to study for the Security + certification exam. The Network Security Career Studies Certificate teaches students to install, configure, and troubleshoot network security products. By offering security skills instruction with on-the-job experience in the information security area, the program will prepare the student to fill a position in the rapidly growing information security field.

Occupational Objectives: Technical Support Staff, Network Administrators, Security Analysts, Network Engineers

Admission Requirements: General college curricular admission

Program Notes: In addition to the general college curricular admissions requirements, students must have substantial networking background and departmental approval to enter the program. Students must attain the grade of "C" or higher in IT courses taken for this certificate.

CURRICULUM				
COURSE	TITLE	LEC. HRS.	LAB. HRS.	CRS. CRE.
ITN 260	Network Security Basics	3	0	3
ITN 261	Network Attacks, Computer Crime and Hacking	4	0	4
ITN 262	Network Communication, Security and Authentication	4	0	4
ITN 263	Internet/Intranet Firewalls and e-Commerce Security	4	0	4
ITN 266	Network Security Layers	4	0	4
ITN 267	CyberLaw	3	0	3
ITN 290	Studies in Network Security	3	0	3
___ ___ ¹	Information Technology Elective	3	0	3

TOTAL	28	0	28
--------------	----	---	----

¹ The Information Technology elective can be selected from one of the following areas: Information Technology Design (ITD), Information Technology Essentials (ITE), Information Technology Networking (ITN), or Information Technology Programming (ITP).