

Information Systems Technology

Network Fundamentals

Career Studies Certificate

Purpose: This program provides instruction in beginning networking skills and prepares students to study for the A+ and the Network+ certification exams. The program also prepares students for the college's administrative level career studies certificates, Microsoft Network Administration and General Network Administration.

Occupational Objectives: Hardware Technician, Entry Level Help Desk Technician, and Entry Level Technical Support

Admission Requirements: General college curricular admission

Program Notes: Students enrolling in this certificate should have a strong foundation in microcomputer applications for word processing, spreadsheet, database, and Windows. 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.
ITE 221	PC Hardware and OS Architecture	4	0	4
ITN 100	Introduction to Telecommunications	3	0	3
ITN 101	Introduction to Network Concepts	4	0	4
ITN 260	Network Security Basics	3	0	3
ITN 171	UNIX I	3	0	3
___ __ ¹	Information Technology Elective	3	0	3
TOTAL		20	0	20
Total Minimum Credits for Career Studies Certificate in Network Fundamentals				20
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).				