

**Information Systems Technology
Cisco Internetworking
Career Studies Certificate**

Purpose: For students seeking full-time employment in the telecommunications arena and for those currently employed in telecommunications, these courses will enhance career objectives and provide an introduction to equipment designed to route information in a packet switched environment. The program prepares students to study for the certification exam that may lead to the Cisco Certified Network Associate (CCNA).

Occupational Objectives: Technical Analyst, Systems Analyst, Telecom Specialist, Telecom Analyst

Admission Requirements: General college curricular admission

Program Notes: Students who possess a telecommunications background may petition the program head to take an examination to be awarded credit in ITN 100. Students must attain the grade of "C" or higher in IT courses taken for this certificate.

| CURRICULUM | | | | |
|-------------------|---|----------------------|------------------|-----------------------|
| COURSE | TITLE | LECTURE HOURS | LAB HOURS | COURSE CREDITS |
| ITN 100 | Introduction to Telecommunications | 3 | 0 | 3 |
| ITN 150 | Networking Fundamentals and Introductory Routing--Cisco | 4 | 0 | 4 |
| ITN 151 | Introductory Routing and Switching--Cisco | 4 | 0 | 4 |
| ITN 260 | Basic Network Security | 3 | 0 | 3 |
| ____ ¹ | Approved General Education Elective | 3 | 0 | 3 |
| TOTAL | | 17 | 0 | 17 |

¹ Selection of a course to fulfill the general education elective requirement must be approved by the academic school administering this program.