

# Internet/Network Specialist

## Program Description:

This degree provides you with knowledge in the use of computer networks as they apply to commercial and industrial enterprises. You will be prepared to analyze the needs of a user, to design a computer network system to satisfy those needs, and to modify and maintain the network environment relative to both hardware and software.

Most organizations make use of the Internet and the World Wide Web. You will use state-of-the-art software tools to prepare you to meet the growing needs of the business world.

One of the main objectives in this program is to develop an understanding of the business world so that you can effectively communicate with all levels of management.

## Career Descriptions:

**Information Technology Specialist** — Works in an IT group at a large company, research institute or school.

**Network Analyst** — Designs, installs, maintains, troubleshoots and administers local area network systems.

**Webmaster** — Designs and creates Web pages, manages Web server software and consults with clients about WWW needs.

## Internet/Network Specialist Associate Degree

### Departmental Courses (28 credits)

CSCI103	Survey of Computer Science	3
CSCI105	Intro. to Computer Programming	3
CSCI106	Advanced Web Page Design and Web Site Administration	3
CSCI163	Troubleshooting and Repair of Personal Computers	3
CSCI211	Database Applications	3
CSCI221	Computer Networks	3
CSCI271	Network Hardware and Software	3
CSCI281	Intro. to UNIX and Network Programming	3
CSCI292	Computer Networking Project	4

### Support Courses (6 credits)

BUSN121	Introduction to Business	3
BUSN231	Business Communications	3

### General Education Requirements (18 credits)

COMM101	Fund. of Speech Communication	3
ENGL110	First-Year Composition I	3
ENGL111	First-Year Composition II	3
MATH110	(or higher) Explorations in Mathematics	3
PHIL205	Logic	3
	General Education Electives	6

### Free Electives (10 credits)

**Total Credits: 62**

## Associate Degree

### Career Choices:

Information Technology Specialist

Network Analyst

Webmaster

### Student Profile:

*Do you ...*

like working with computers?

enjoy the challenge of  
problem-solving?