

Information Technology Certificate

Networking

Course #	Course Title	Credits	Prerequisites	Semester Offered	Semester Taken	Grade Earned
GIT102	Computer Keyboarding (or) 30wpm	1	None (or) 30wpm	Fall, Spring		
COM103	Human Communication	3	ENL010 or ESL102 or satisfactory basic skills assessment score	Fall, Spring, Summer		
GIT110	Microcomputer Applications Software	3	GIT102 or equivalent, ENL020 & ENL050 or satisfactory basic skills assessment score	Fall, Spring, Summer		
BIT113	Microcomputer Hardware	3	MAT020, ENL020 & ENL050 or satisfactory basic skills assessment score	Fall, Spring		
BIT115	Operating Systems	3	GIT110	Fall, Spring		
BIT187	Networking Essentials	3	Co-requisite: BIT115	Fall, Spring		
BIT236	Wireless Networking	3	BIT187	Fall		
BIT237	Windows Server Administration	3	BIT187	Fall		
BIT239	Advanced Networking Essentials with Cisco	3	BIT187	Spring		
Total Credits		24/25				

Overview

Students learn networking theory, planning, design, installation, support, troubleshooting, and administration of a wired and wireless network through the use of lecture and hands-on labs. This certificate provides knowledge and experience for various industry-recognized certification exams.

Career Outlook

Students completing the Networking certificate are trained to work as network technicians and network administrators. Students are encouraged to build on the certificate program and eventually obtain a degree at the College.

Program Outcomes

Upon completion of the Networking Certificate, students are able to:

- Read, write, discuss, and think critically about topics and ideas in information technology.
- Analyze ethical issues and apply ethical standards in the performance of responsibilities in a variety of information technology careers.
- Work with teams in an information technology setting.
- Synthesize information from documentation and use to solve business problems and provide customer service.