

GLOUCESTER COUNTY COLLEGE
BUSINESS AND TECHNOLOGY DIVISION

NETWORK MANAGEMENT – LAN/WAN
Professional Development Certificate Program

The Network Management program prepares graduates to qualify for entry level and/or advanced positions in the computer networking and computer communications fields. Graduates may be employed in positions such as Network Administrator, Network Technician and LAN Manager. Graduates are also provided with the background to go onto positions like Network Analyst, and Wide Area Network Specialist with acquired experience. Graduates in this program can also go on to complete additional course requirements that lead to a full "A.A.S." Degree in Network Management from Gloucester County College.

Network Management Certificate graduates will be able to:

1. Install and maintain computers and related peripherals in a network environment;
2. Install, configure, and administer workstation, and server operating systems and support software;
3. Interpret, describe, and interact with network operations and protocols;
4. Provide analysis and diagnostics in the localization of network related problems, and perform proper troubleshooting procedures.

<u>Course</u>		<u>Credits</u>
_____ CIS 107	Concepts of Information Systems	3
_____ CIS 132	Networking Essentials	4
_____ CIS 143	The Windows Workstation	4
_____ CIS 144	Managing and Maintaining Your PC	3
_____ CIS 231	Windows Server and Network Administration	4
_____ CIS 234	TCP/IP Protocol	3
_____ CIS 241	Advanced Server and Network Technologies	4
_____ CIS 245	The Exchange E-Mail Server	4
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REQUIRED CORE AND ELECTIVE COURSES

<u>Business</u>		<u>Credits</u>
Concepts of Information Systems	CIS 107	3
Networking Essentials	CIS 132	4
The Windows Workstation	CIS 143	4
Managing and Maintaining Your PC	CIS 144	3
Windows Server and Network Administration	CIS 231	4
TCP/IP Protocol q	CIS 234	3
Advanced Server and Network Technologies	CIS 241	4
The Exchange E-Mail Server	CIS 245	4
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