

Computer Information Systems/Telecommunications

Networking

The Networking Telecommunications Associate Degree prepares you to work immediately upon graduation with personal computers in a networked environment. Position such as network (LAN) technician, network assistant, software and/or hardware specialist and helpdesk support are some of the occupations you will be qualified for upon successful completion of this program.

You will gain valuable skills in installing hardware and software and maintaining, troubleshooting and setting up networks that include both LAN and WAN technology such as routers and switches.

As a result of the skills developed in this program, you will be prepared to take several computer industry standard tests such as the A+, Network+, Windows 2000, and MOUS certification tests.

Curriculum			Revised/ New	Faculty Responsible
FIRST YEAR				
First Semester – 18 Credits				
Code	Course	Credit		
BD 150	Intro to Computers	3		See Programming Track
BD 155	PC Repair and Maintenance	3	New	Other
HE 155	English Composition I	3		
BD 160	Visual BASIC I	3		
BD 241	Microcomputer Applications	3		
	Social Science Elective	3		
Second Semester – 15 Credits				
HE 150	Writing for Business & Technology or	3		
HE 156	English Composition II			
BD 165	Visual BASIC II	3		
BD 170	Internet	3		
BD 175	Networking Essentials	3	New	Heidie
	Math Elective	3		
SECOND YEAR				
Third Semester – 18 Credits				
BD 180	Windows 2000 Professional	3	New	Heidie
BD 182 BD 243	E-Commerce Applications or Advanced Microcomputer Applications	3		See CIS/Telecom Webmaster Track
BD 238	Advanced Networking	3	New	Heidie
	CIS/Telecommunications Elective	3		
	Business Elective	3		
	Social Science Elective	3		

Sources:

- A. Curriculum Description and Outline, CCBC Catalog Academic Year 2001-2002, Page 52
- B. Curriculum Committee Records, Academic Year 2000-2001

Fourth Semester – 15 Credits				
BD 240	Routing and Switching		New	Heidie
BD 252	Windows 2000 Server	3	New	Heidie
BD 260	Internship or CIS/Telecommunications Elective	3		See CIS/Telecom Programming Track
BD	General Education Elective	3		
	Technology Elective *			

* VT, EE, or BD Courses

Sources:

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- B. Curriculum Committee Records, Academic Year 2000-2001