Computer Information Systems/Telecommunications
Networking

The Computer Networking curriculum prepares students with the skills necessary to design, implement, maintain, and administer LANs, and WANs. The curriculum includes courses in software application tools, VB.NET, PC hardware, Cisco Networking Academy, and operating systems installation and configurations.

Graduates of this program will be qualified to obtain employment as PC support specialists, network technicians and network administrators.

Curriculum			Revised/ New	Faculty Responsible
FIRST YEAR				
First Semester – 17 Credits				
Code	**Course**	**Credit**		
CIST 100	Introduction to Information Technology	3		See Web Programming Track
CIST 105	PC Hardware	3	Revised	Other
CISN 100	Introduction to Networking	5	New	Heidie
CIST 160	Visual BASC I	3		
WRIT 101	English Composition I	3		
Second Semester – 17 Credits				
CISN 110	Basic Network Routing	5	New	Heidie
CISN 200	Client Operating Systems	3	Revised	Heidie
CIST 161	Visual Basic II	3		
CIST 170	Internet	3		
CIST 106	Software Productivity Tools Or	3	Revised	See Web Programming Track
CISN 210	E-Commerce Applications			
SECOND YEAR				
Third Semester – 17 Credits				
CISN 215	LAN Management/Switching	5	New	Heidie
CISN 205	Server Operating Systems	3	Revised	Heidie
VISH 115	Computer Graphics	3		
WRIT103	Writing for Business & Technology	3		
	Social Science Elective	3		
Fourth Semester – 14 Credits				
CISN 220	WAN Management/Intermediate Routing	5	New	Heidie

Sources:

A. Curriculum Description and Outline, CCBC Catalog, Academic Year 2005-2006, Page 56
B. Curriculum Committee Records, Academic Year 2004-2005

BD 260	Internship or CIS/Telecommunications Elective*	3		
	Social Science Elective	3		
	Humanities Elective	3		

* CISF 200 Disaster Recovery or CISF 210 Network Security is recommended

Sources:
    A. Curriculum Description and Outline, CCBC Catalog, Academic Year 2005-2006, Page 56
    B. Curriculum Committee Records, Academic Year 2004-2005