Computer Information Systems/Telecommunications
Web Programming

The Web Programming curriculum provides students with hands-on experience in software application tools, computer programming languages, systems analysis, website design, and web software design and development skills necessary for programmers today. It includes courses in Microsoft Office, Java, Web and digital design, E-Commerce applications, and web database programming.

Graduates of this curriculum will be qualified to obtain employment locally and nationally as Visual BASIC programmers, Java Programmers, web programmers, database programmers, database administrators, and computer support specialists.

Curriculum			Revised/ New	Faculty Responsible
FIRST YEAR				
First Semester – 18 Credits				
Code	**Course**	**Credit**		
CIST 100	Introduction to Information Technology	3	Revised	Other
CIST 160	Visual BASIC I	3		
CISW 101	Principles of Web Programming	3		
VISH 115	Computer Graphics	3		
WRIT 101	English Composition I	3		
Second Semester – 15 Credits				
CIST 161	Visual BASIC II	3		
CISW 105	Java Script	3		
CIST 106	Software Productivity Tools		Revised	Heidie
CIST 170	Internet	3		
WRIT102 WRIT103	English Composition II or Writing for Business & Technology	3		
SECOMD YEAR				
Third Semester – 15 Credits				
BUMS110	Introduction to E-Commerce	3		
CISW 206	Active Server Pages	3		
CISW 201	Java I	3		
VISH 122	Publishing on the Web	3		
	Social Science Elective	3		
	Humanities Elective	3		
Fourth Semester – 15 Credits				
CISN 210	E-Commerce Applications	3		

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

CISW 215	Database Driven Websites	3		
BD 235	Java II	3		
BD 260	Internship or CIS/Telecommunications Elective	3		
	Social Science Elective			

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