

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.

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 Internet Programming	3	Revised	Heidie
MATH125	Discrete Mathematics	3		
	or			
MATH110	or Higher			
WRIT 101	English Composition I	3		
Second Semester – 15 Credits				
CIST 161	Visual BASIC II	3		
CISW 105	Scripting Languages	3	Revised	Heidie
CIST 106	Software Productivity Tools			
CISN 200	Client Operating Systems	3		
WRIT 102	English Composition II			
	or	3		
WRIT 103	Writing for Business & Technology			
SECOMD YEAR				
Third Semester – 15 Credits				
CISN 210	E-Commerce Applications	3		
CISW 214	Database Driven Websites I	3	Revised	Heidie
CISW 201	Java I	3		
CIST 170	Front Page and Dreamweaver	3	Revised	Other
CISN205	Server Operating System	3		
Fourth Semester – 15 Credits				
CISW 205	Programming in C#	3	New	Other
CISW 215	Database Driven Websites II	3	Revised	Heidie

Sources:

- A. Curriculum Description and Outline, CCBC Catalog, Academic Year 2007-2008, Page 66
- B. Curriculum Committee Records, Academic Year 2006-2007

CISW202	Java II	3		
BD 260	Internship or CIS/Telecommunications Elective*	3		
VISH 115	Or Digital Imaging			
	SOCI or PSYC Elective	3		

Sources:

- A. Curriculum Description and Outline, CCBC Catalog, Academic Year 2007-2008, Page 66
- B. Curriculum Committee Records, Academic Year 2006-2007