

# *Computer Information Systems/Telecommunications*

## *Web Programming*

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

Graduates of this curriculum may obtain employment locally and nationally as Visual BASIC programmers, Java programmers, web programmers, database programmers.

Curriculum			Revised/Revised New/New	Faculty Responsible
<b>FIRST YEAR</b>				
<b>First Semester – 18 Credits</b>				
<b>Code</b>	<b>Course</b>	<b>Credit</b>		
<b>CIST 100</b>	<b>Introduction to Information Technology</b>	<b>3</b>	<b>Revised</b>	<b>Other</b>
<b>CIST 160</b>	Visual BASIC I	3		
<b>CISW 101</b>	<b>Web Scripting Languages (Day)</b>	<b>3</b>	<b>Revised</b>	<b>Heidie</b>
<b>VISC 115</b>	Digital Imaging	3		
<b>WRIT 101</b>	English Composition I	3		
<b>Second Semester – 15 Credits</b>				
<b>CISN 200</b>	Client Operating Systems	3		
<b>CIST 106</b>	Software Productivity Tools			
<b>CISW 206</b>	<b>Database: ASP (Day)</b>	<b>3</b>	<b>Revised</b>	<b>Other</b>
<b>CISN 200</b>	Client Operating Systems	3		
<b>WRIT 102</b>	English Composition II	3		
<b>WRIT 103</b>	or Writing for Business & Technology			
<b>MATH110</b>	Or Higher			
	Or Science elective			
<b>SECOMD YEAR</b>				
<b>Third Semester – 15 Credits</b>				
<b>CISN205</b>	Server Operating System	3		
<b>CIST 170</b>	<b>Dreamweaver (Day)</b>	<b>3</b>	<b>Revised</b>	<b>Other</b>
<b>CISW 201</b>	Java I (Day)	3		
<b>CISN 210</b>	E-Commerce Applications (Online)	3		
<b>CISW 214</b>	<b>Database: SQL (Day)</b>	<b>3</b>	<b>New</b>	<b>Other</b>
<b>Fourth Semester – 15 Credits</b>				
<b>CISW 205</b>	Programming in C#	3		

### Sources:

- A. Curriculum Description and Outline, CCBC Catalog, Academic Year 2010-2011, Pages 132-134
- B. Curriculum Committee Records, Academic Year 2009-2010

<b>CISW 215</b>	<b>Database: Crystal Report Writer (Day)</b>	<b>3</b>	<b>New</b>	<b>Other</b>
<b>CISW202</b>	Java II (Day)	3		
<b>BD 260</b>	Internship	3		
<b>VISC122</b>	or Web Design			
	SOCI or PSYC Elective	3		

**Sources:**

- A. Curriculum Description and Outline, CCBC Catalog, Academic Year 2010-2011, Pages 132-134**
- B. Curriculum Committee Records, Academic Year 2009-2010**