

## *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. The program 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 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>	Introduction to Information Technology	3		
<b>CIST 160</b>	Visual BASIC	3		
<b>CISW 101</b>	<b>Web Scripting Languages (Day)</b>	<b>3</b>	<b>Revised</b>	<b>Heidie</b> (Using the New IT Teaching/Learning Tool) See NISOD 2013
<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>CISW205</b>	Programming with C#	<b>3</b>		
<b>CISW 206</b>	<b>Web Data Connectivity Using ASP/PHP (Day)</b>	<b>3</b>	<b>Revised</b>	<b>Heidie</b> (Using the New IT Teaching/Learning Tool) See NISOD 2013
<b>LITR 210</b>	Concepts of Literature or	3		
<b>WRIT 103</b>	Writing for Business & Technology			
<b>SECOND YEAR</b>				
<b>Third Semester – 15 Credits</b>				
<b>CISN 203</b>	<b>Linux Operating Systems</b> or	3	<b>New</b>	<b>Other</b> (Using the New IT Teaching/Learning Tool) See NISOD 2013
<b>CISN205</b>	Server Operating System			
<b>CIST 170</b>	<b>Web Site Development Using</b>	<b>3</b>	<b>Revised</b>	<b>Other</b>

### Sources:

- A. Curriculum Description and Outline, CCBC Catalog, Academic Year 2013-2014, Page 106
- B. Curriculum Committee Records, Academic Year 2012-2013

	<b>Dreamweaver</b>			
<b>CISW 201</b>	Java I (Day)	3		
<b>CISW 214</b>	<b>Database: SQL and Report Structures (Day)</b>	<b>3</b>	<b>Revised</b>	<b>Other</b>
<b>MATH110</b>	Mathematics of Business			
	Or Science elective	3		
<b>Fourth Semester – 15 Credits</b>				
<b>CISW202</b>	Java II (Day)	3		
<b>CISW 205</b>	Programming in C#			
<b>CISW210</b>	E-Commerce Applications	3		
<b>CISW 215</b>	<b>Mobile App Development (Day)</b>	<b>3</b>	<b>New</b>	<b>Other</b>
<b>BD 260</b>	Internship or	3		
<b>VISC122</b>	Web Design			
<b>PSYC 101</b>	General Psychology I Or	3		
<b>SOCI 101</b>	Principles of Sociology			

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