



# INFORMATION TECHNOLOGY WEB DESIGN

Associate of Applied Science | Certificate

The Information Technology curriculum prepares graduates for employment as designers, testers, support technicians, administrators, developers, or programmers with organizations that use computers to design, process, manage, and communicate information, depending on the technical path selected within this curriculum.

To learn more visit [www.piedmontcc.edu/webdesign](http://www.piedmontcc.edu/webdesign)

## Overview WEB DESIGN

The Information Technology (IT) curriculum prepares graduates for employment as designers, testers, support technicians, administrators, developers, or programmers with organizations that use computers to design, process, manage, and communicate information, depending on the technical path selected within this curriculum.

Course work covers the terminology and use of computers, network devices, networks, servers, databases, applications, programming languages, as well as web applications, site development and design.

## Outlook for EMPLOYMENT

Graduates should qualify for employment in entry-level positions with businesses, educational systems, and governmental agencies which rely on computer systems to design and manage information. The program will incorporate the competencies of industry-recognized certification exams.

**Computer Programmers**  
**Software Developers**  
**Web Developers**  
**Computer Network Support**  
**Computer Science Teachers**

## COURSES

Required Courses for Program	AAS	C1	C2	C3
ACA 111 College Student Success *				
ACA 122 College Transfer Success *				
CIS 110 Introduction to Computers				
CIS 115 Intro to Prog & Logic				
COM 231 Public Speaking				
CSC 151 Java Programming				
CSC 153 C# Programming **				
CTI 110 Web, Pgm, & DB Foundation				
CTI 120 Network & Security Foundation				
CTS 115 Info System Business Concepts				
CTS 120 Hardware/Software Support				
CTS 210 Computer Ethics				
DBA 120 Database Programming I				
ENG 111 Writing and Inquiry				
MAT 143 Quantitative Literacy				
NOS 110 Operating Systems Concepts				
WEB 111 Introduction to Web Graphics				
WEB 115 Web Mark and Scripting				
WEB 125 Mobile Web Design				
WEB 140 Web Development Tools **				
WEB 210 Web Design				
XXX Humanities/Fine Arts, Elective				
XXX Social/Behavioral Science Elective				
<b>Total Semester Hours Required</b>	<b>70</b>	<b>15</b>	<b>18</b>	<b>18</b>

*Courses with matching symbols indicate OR/AND requirements. Review back page or contact Student Development for more information.*

AAS = Associate of Applied Science

C1 = Web Administration and Design Certificate

C2 = Web Developer Certificate

C3 = Web Designer Certificate



Denotes required for completion

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## Procedures for ADMISSIONS

- Submit a complete Application for Admission to the Office of Admissions.
- Submit official transcript(s) of high school education and all post-high school course work to the Office of Admissions if requested. Office GED scores or transcript of courses for the Adult High School Diploma may be submitted in lieu of the high school transcript.
- Complete the Admission Placement Test.
- Diploma and certificate admission requirements may vary. Contact the Admissions Office for details.



Janet Bottoms

## Program CONTACTS

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## ASSOCIATE OF APPLIED SCIENCE Suggested Course Sequence Full-time Student

Course#	Course Name	CL.	LB.	CLIN.	CR.
<b>FALL SEMESTER</b>					
ACA 111	College Student Success <i>OR</i>	1	0	0	1
ACA 122	College Transfer Success	0	2	0	1
CIS 110	Introduction to Computers	2	2	0	3
CTI 110	Web, Pgm, DB Foundation	2	2	0	3
CTI 120	Network & Security Foundation	2	2	0	3
ENG 111	Writing and Inquiry	3	0	0	3
XXX	Track Requirement	3	0	0	3
		<b>12-13</b>	<b>6-8</b>	<b>0</b>	<b>16</b>

### SPRING SEMESTER

CIS 115	Introduction to Prog & Logic	3	0	0	3
CSC 151	Java Programming I	2	2	0	3
DBA 120	Database Programming I	2	2	0	3
MAT 143	Quantitative Literacy	3	1	0	3
XXX	Social/Behavioral Science	3	0	0	3
XXX	Track Requirement	3	0	0	3
		<b>16</b>	<b>5</b>	<b>0</b>	<b>18</b>

### FALL SEMESTER

COM 231	Public Speaking	3	0	0	3
CTS 115	Info System Business Concepts	3	0	0	3
CTS 120	Hardware/Software Support	2	3	0	3
NOS 110	Operating Systems Concepts	2	3	0	3
SEC 110	Security Concepts	2	2	0	3
XXX	Track Requirement	3	0	0	3
		<b>15</b>	<b>8</b>	<b>0</b>	<b>18</b>

### SPRING SEMESTER

CTS 210	Computer Ethics	3	0	0	3
CTS 240	Project Management	2	2	0	3
XXX	Humanities/Fine Arts Elective	3	0	0	3
XXX	Track Requirement	3	0	0	3
XXX	Track Requirement	3	0	0	3
		<b>14</b>	<b>2</b>	<b>0</b>	<b>18</b>
		<b>57-58</b>	<b>21-23</b>	<b>0</b>	<b>67</b>

## TOTAL SEMESTER HOURS REQUIRED FOR DEGREE: 67

### TRACK REQUIREMENT SELECTIONS

WEB 111	Introduction to Web Graphics
WEB 115	Web Mark and Scripting
WEB 125	Mobile Web Design
WEB 140	Web Development Tools
WEB 210	Web Design



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