INFORMATION TECHNOLOGY

Associate in Applied Science

Information Technology (A25590P)

Concentration in Full Stack Programming

Overview

The A25590P degree prepares students for entry level employment in full stack software development. Emphasis is placed on analyzing business needs and developing software solutions to meet those needs.

Upon completion of this program students will be able to build dynamic Web applications using Python and other Web technologies.

Employment Outlook

(Please note: CPCC does not guarantee employment)

- Junior Full Stack Developer
- Application Engineer/Specialist
- Python Computer Programmer
- Web Developer

Total Credit Hours: 69

Recommended Plan of Study

Semester 1		Class	Lab	Credits
Mathematics Elective (121 or 143 or 152 or 171)		-	-	3
CTI 110	Web, Programming, & DB Found.	2	2	3
CTI 120	Network & Security Found.	2	2	3
CTI 130	O.S. & Device Found.	4	4	6
CTS 115	Info Sys Business Concepts	3	0	3
				18

Semester 2				
CIS 110	Introduction to Computers	2	2	3
CSC 154	Software Development	2	2	3
DBA 110	Database Concepts	2	3	3
WEB 110	Internet/Web Fundamentals	2	2	3
CIS 115	Intro to Programming & Logic	2	2	3
				15

Semester 3				
COM 231	Public Speaking	3	0	3
ENG 111	Expository Writing	3	0	3
				6

Semester 4				
ENG 112	Writing and Res. In Disciplines	3	0	3
Or ENG 114	Prof. Research & Reporting			
CSC 143	Object Oriented Programming	2	3	3
WEB 115	Web Markup & Scripting	2	2	3
DBA 120	Database Programming	2	2	3
CSC 121	Python Programming	2	3	3
				15

Semester 5				
Social/Behavioral Sciences Elective*		-	-	3
Humanities/Fine Arts Elective*		-	-	3
CSC 122	Python Application Development	2	2	3
WEB 215	Advanced Marking & Scripting	2	2	3
CSC 289	Programming Capstone Project	1	4	3
				15

*Must choose from the approved General Education list. See catalog for more details.

Note: Many courses are offered in short session formats. Check schedule for offerings.

Updated: 8/2018, Catalog Year 2018

For more information:
Contact ITinfo@cpcc.edu
Or call 704.330.6549

Get There.
CENTRAL PIEDMONT COMMUNITY COLLEGE