



Web Application Development Diploma (IS42)- 54 Credit Hours

Program Description:

The Web Applications Development program is a sequence of courses designed to provide students with an understanding of the concepts, principles, and techniques required in computer information processing. Graduates are to be competent in the general areas of humanities and fine arts, social and behavioral sciences, and natural sciences and mathematics, as well as in the technical areas of computer terminology and concepts, program design and development, and computer networking. Program graduates are qualified for employment as E-Commerce web programmers.

Contact:

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Program Coordinator
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Website:

<https://sctech.smartcatalogiq.com/current/catalog/computer-information-systems-programs/is42-web-application-development-diploma>

Pre-Diploma Requirements					
Program Specific					
<ul style="list-style-type: none"> • Min GPA 2.0 • Courses are offered at Griffin Campus and Henry site. • Prerequisite courses must be completed with "C" or better. 					
<i>S = Semester; CR = Credit Hours; FA = Fall; SP = Spring; SU = Summer</i>					
✓	Grade	Semester 1	S	CR	Notes & Milestones
		COMP 1000 Introduction to Computer Literacy	ALL	3	
		CIST 1001 Computer Concepts	ALL	4	
		CIST 1305 Program Design and Development	ALL	3	
		CIST 1510 Web Development I	ALL	4	
				14	Program Semester Hours
✓	Grade	Semester 2	S	CR	Notes & Milestones
		ENGL 1010 Fundamentals of English I	ALL	3	
		EMPL 1000 Interpersonal Relations and Professional Development	ALL	2	
		MATH 1012 Foundations of Mathematics	ALL	3	
		CIST 2351 PHP Programming I	ALL	4	Prerequisite: CIST 1305 AND CIST 1510
				12	Program Semester Hours
✓	Grade	Semester 3	S	CR	Notes & Milestones
		CIST 1220 Structure Query Language (SQL)	ALL	4	Prerequisites: COMP 1000, CIST 1001 and CIST 1200
		CIST 1520 Scripting Technologies	ALL	3	
		CIST 2352 PHP Programming II	ALL	4	Prerequisite: CIST 2351
		CIST 2921 IT Analysis, Design and Project Management	ALL	4	
				15	Program Semester Hours

✓	Grade	Semester 4	S	CR	Notes and Milestones
		CIST 1601 Information Security Fund	ALL	3	
		CIST 2381 Mobile Application Development	ALL	4	Prerequisite: CIST 1305 with a grade of "C" or better
		CIST 2550 Web Development II	ALL	3	Prerequisites: CIST 1510, CIST 1520, CIST 1220
		CIST 2580 Interactive and Social Apps Integration	ALL	4	Prerequisite: CIST 1305, CIST 2550
				14	Program Semester Hours
Meet with your Academic Advisor to ensure you view the latest and most accurate information.					

Employment Opportunities: <https://www.sctech.edu/career-services/>

Financial Aid by Program: <https://www.sctech.edu/sctc-programs-by-financial-aid-fund-type/>

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