



Web Application Development Degree (IS43)- 64 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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Website:

<https://sctech.smartcatalogiq.com/current/catalog/computer-information-systems-programs/is43-web-application-development-associate-of-applied-science-degree>

| Pre-Degree 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 |
| | | CIST 1510 Web Development I | ALL | 4 | |
| | | COMP 1000 Introduction to Computer Literacy | ALL | 3 | |
| | | CIST 1001 Computer Concepts | ALL | 4 | |
| | | CIST 1305 Program Design and Development | ALL | 3 | |
| | | | | 14 | Program Semester Hours |
| ✓ | Grade | Semester 2 | S | CR | Notes & Milestones |
| | | ENGL 1101 Composition and Rhetoric | ALL | 3 | Required |
| | | CIST 1520 Scripting Technologies | ALL | 3 | |
| | | CIST 2351 PHP Programming I | ALL | 4 | |
| | | Area IV: Choose One: ARTS 1101 Art Appreciation MUSC 1101 Music Appreciation THEA 1101 Theater Appreciation HUMN 1101 Introduction to Humanities ENGL 2130 American Literature | ALL ALL ALL ALL ALL | 3 3 3 3 3 | ENGL 1101 with a grade of C or better ENGL 1101 with a grade of C or better ENGL 1101 with a grade of C or better ENGL 1101 with a grade of C or better ENGL 1101 with a grade of C or better |
| | | | | 13 | 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 2352 PHP Programming II | ALL | 4 | Prerequisite: CIST 2351 |

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|---|--------------|---|---------------------------------|-----------------------|---|
| | | CIST 2921 IT Analysis, Design and Project Management | ALL | 4 | |
| | | Area II: Choose One ECON 1101 Principles of Economics PSYC 1101 Introductory Psychology SOC 1101 Introduction to Sociology POLS 1101 American Government HIST 2111 U.S. History I | ALL ALL ALL ALL ALL | 3 3 3 3 3 | |
| | | | | 15 | Program Semester Hours |
| ✓ | Grade | Semester 4 | S | CR | Notes and Milestones |
| | | 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 |
| | | MATH 1111 College Algebra -OR- MATH 1101 Mathematical Modeling -OR- MATH 1103 Quantitative Skills and Reasoning | ALL ALL ALL | 3 3 3 | |
| | | | | 10 | Program Semester Hours |
| ✓ | Grade | Semester 5 | | | Notes and Milestones |
| | | CIST 1601 Information Security Fund | ALL | 3 | |
| | | CIST 2580 Interactive and Social Apps Integration | ALL | 4 | |
| | | CIST 2950 Web System Project -OR- CIST 2991 CIST Internship I | ALL ALL | 3 3 | *Students are required to meet with faculty advisor for approval of occupational electives |
| | | Additional 3 hours from Area I, II, III or IV | ALL | 3 | List of Area I, II, III and IV courses |
| | | | | 13 | Program Semester Hours |
| Meet with your Academic Advisor ensure you view the latest and most accurate information. | | | | | |

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

Articulation Agreements: <https://sctech.smartcatalogiq.com/current/catalog/articulation-agreements-between-southern-crescent-technical-college-and-other-colleges>

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

Southern Crescent Technical College does not discriminate on the basis of race, color, creed or religion, military status, national or ethnic origin, sex, age, or disability. The following persons has been designated to manage inquiries regarding the non-discrimination policies: Eben Risper, Title IX Coordinator for the Griffin Campus, Henry County Center, and Fayette County Center, 501 Varsity Road, Griffin, GA 30223, eben.risper@sctech.edu, 770-228-7382; Teresa Brooks, ADA/Section 504 Coordinator for the Griffin Campus, Henry County Center and Fayette County Center, 501 Varsity Road, Griffin, GA 30223, teresa.brooks@sctech.edu, 770-228-7258; Mary Jackson, Title IX and ADA/Section 504 Coordinator for the Flint River Campus, Butts County Center and Jasper County Center, 1533 Highway 19 South, Thomaston, GA 30286, mary.jackson@sctech.edu, 706-646-6224.