



Computer Programming Degree (CP23)- 66 Credit Hours

Program Description:

The Computer Programming associate degree program consists of courses designed to provide students with an understanding of the concepts, principles, and techniques required in writing computer software. Those interested in a Computer Programming Associate of Applied Technology degree should be highly motivated individuals who are interested in becoming an information technology professional. Program graduates are to be competent in the general areas of English/humanities/fine arts, social and behavioral sciences, natural sciences and mathematics, as well as in the technical areas of SQL, XHTML, systems analysis and design, database management, networking concepts, and the programming languages PHP, Visual BASIC, Java, C++, and JavaScript.

Contact:

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Program Coordinator
 770-229-3242
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Website:

<https://sctech.smartcatalogiq.com/current/catalog/computer-information-systems-programs/cp23-computer-programming-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
		COMP 1000 Introduction to Computer Literacy	ALL	3	
		CIST 1001 Computer Concepts	ALL	4	
		CIST 1200 Database Management	ALL	4	Required
		CIST 1510 Web Development I	ALL	4	
				15	Program Semester Hours
✓	Grade	Semester 2	S	CR	Notes & Milestones
		ENGL 1101 Composition and Rhetoric	ALL	3	Required
		CIST 1220 Structured Query Language (SQL)	ALL	4	
		CIST 1305 Program Design and Development	ALL	3	
		CIST 2371 Java Programming I -OR- CIST 2311 Visual Basic I -OR- CIST 2351 PHP Programming I	ALL ALL ALL	4 4 4	Prerequisite: CIST 1305 Program Design Prerequisite: CIST 1305 Program Design Prerequisite: CIST 1305 Program Design and CIST 1510 Web Development I
				14	Program Semester Hours
✓	Grade	Semester 3	S	CR	Notes & Milestones
		CIST 2921 IT Analysis, Design, and Project Management	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
		Choose ONE: ACCT 1100 Financial Accounting I -OR- BUSN 1300 Introduction to Business -OR- MGMT 1120 Introduction to Business	ALL ALL ALL	4 3 3	
				10	Program Semester Hours
✓	Grade	Semester 4	S	CR	Notes and Milestones
		CIST 2361 C++ Programming I	ALL	4	CIST 1305 with a grade of "C" or better
		CIST 2371 Java Programming I -OR- CIST 2311 Visual Basic I -OR- CIST 2351 PHP Programming	ALL	4	CIST 1305 with a grade of "C" or better CIST 1305 with a grade of "C" or better CIST 1305 with a grade of "C" or better
		Area II: Choose One ECON 1101 Principles of Economics PSYC 1101 Introductory Psychology SOC1 1101 Introduction to Sociology POLS 1101 American Government HIST 2111 U.S. History I	ALL ALL ALL ALL ALL	3 3 3 3 3	
		MATH 1111 College Algebra -OR- MATH 1101 Mathematical Modeling -OR- MATH 1103 Quantitative Skills and Reasoning	ALL ALL ALL	3 3 3	
				14	Program Semester Hours
✓	Grade	Semester 5			Notes and Milestones
		CIST 2362 C++ Programming II	ALL	4	Required
		CIST 2371 Java Programming I -OR- CIST 2311 Visual Basic I -OR- CIST 2351 PHP Programming	ALL ALL ALL	4 4 4	CIST 1305 with a grade of "C" or better CIST 1305 with a grade of "C" or better CIST 1305 with a grade of "C" or better
		Additional 3 hours from Area I, II, III or IV	ALL	3	List of Area I, II, III and IV courses
		Specific Occupational Electives: CIST 1130 Operating System Concepts CIST 1401 Computer Networking Fundamentals CIST 1601 Information Security Fund CIST 2381 Mobile Application Development CIST 2580 Interactive and Social Integration CIST 2991 CIST Internship I	ALL ALL ALL ALL ALL ALL	3 4 3 4 4 5	Students are required to meet with faculty advisor for approval of occupational electives
				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.