



Computer Programming Diploma (CP24)- 52 Credit Hours

Program Description:

The Computer Programming diploma program is a sequence of courses designed to provide students with an understanding of the concepts, principles, and techniques required in computer information processing. Those interested in a Computer Programming diploma 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:

Gordon Carns, MIT
Program Coordinator
 770-229-3242
 gordon.carns@sctech.edu

Website:

<https://sctech.smartcatalogiq.com/current/catalog/computer-information-systems-programs/cp24-computer-programming-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 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 1010 Fundamental of English	ALL	3	
		CIST 1220 Structured Query Language (SQL)	ALL	4	Prerequisite: COMP 1000, CIST 1001 and CIST 1200
		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
		EMPL 1000 Interpersonal Relations and Professional Development	ALL	2	
		MATH 1012 Foundations of Mathematics	ALL	3	Required

		CIST 2921 IT Analysis, Design, and Project Management	ALL	4	
				9	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 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
				8	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
				8	Program Semester Hours
Meet with your Academic Advisor to ensure you view the latest and most accurate information.					

Note: While all courses are offered, they may vary by term and campus. See the faculty advisor for questions. Students are required to meet with faculty advisor for approval of occupational electives.

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

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.