



## Database Specialist Degree (DS13)- 60 Credit Hours

**Program Description:**

The Computer Information Systems - Database Specialist 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 or fine arts, social or behavioral sciences, and natural sciences or 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 database specialists. Starting salaries are approximately \$42,000 per year.

**Contact:**

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**Website:**

<https://sctech.smartcatalogiq.com/current/catalog/computer-information-systems-programs/ds13-database-specialist-associate-of-applied-science-degree>

Pre-Degree Requirements					
Program Specific					
<ul style="list-style-type: none"> <li>• Min GPA 2.0</li> <li>• Courses are offered at Griffin Campus and Henry site.</li> <li>• Prerequisite courses must be completed with "C" or better.</li> </ul>					
<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 1305 Program Design and Development	ALL	3	
				<b>14</b>	<b>Program Semester Hours</b>
✓	Grade	Semester 2	S	CR	Notes & Milestones
		CIST 1220 Structured Query Language (SQL)	ALL	4	
		CIST 2411 Microsoft Client	ALL	4	
		CIST 2414 Windows Server Identity Services	ALL	4	
		MATH 1111 College Algebra -OR- MATH 1101 Mathematical Modeling -OR- MATH 1103 Quantitative Skills and Reasoning	ALL	3	
				<b>15</b>	<b>Program Semester Hours</b>
✓	Grade	Semester 3	S	CR	Notes & Milestones
		ENGL 1101 Composition and Rhetoric	ALL	3	Required
		CIST 2921 IT Analysis, Design, and Project Management	ALL	4	

		<b>Area IV: Choose One:</b> 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
		Additional 3 hours from Area I, II, III or IV	ALL	3	<a href="#">List of Area I, II, III and IV courses</a>
				<b>13</b>	<b>Program Semester Hours</b>
✓	<b>Grade</b>	<b>Semester 4</b>	<b>S</b>	<b>CR</b>	<b>Notes and Milestones</b>
		CIST 2222 Administering Microsoft SQL Server	ALL	4	
		CIST 2361 C++ Programming I <b>-OR-</b> CIST 2371 Java Programming I	ALL ALL	4 4	CIST 1305 with a grade of "C" or better CIST 1305 with a grade of "C" or better
		<b>Area II: Choose One</b> 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	
		<b>*Specific Occupational Electives:</b> CIST 1130 Operating System Concepts CIST 1401 Computer Networking Fundamentals CIST 1510 Web Development I CIST 1601 Information Security Fund CIST 2311 Visual Basic I CIST 2351 PHP Programming I CIST 2361 C++ Programming I CIST 2371 Java Programming CIST 2412 Microsoft Server Installation and Maintenance	ALL	3 4 4 3 4 4 4 4 4	<b>*Students are required to meet with faculty advisor for approval of occupational electives</b>  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 CIST 1305 with a grade of "C" or better
				<b>14</b>	<b>Program Semester Hours</b>
✓	<b>Grade</b>	<b>Semester 5</b>			<b>Notes and Milestones</b>
		CIST 2224 Designing and Implementing Databases with Microsoft SQL Server	ALL	4	<b>Prerequisite</b> CIST 1220 - Structured Query Language (SQL)
				<b>4</b>	<b>Program Semester Hours</b>
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](mailto: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](mailto: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](mailto:mary.jackson@sctech.edu), 706-646-6224.