



## Database Specialist Diploma

**MAJOR CODE:** DS14    **REQUIRED CREDIT HOURS:** 56    **CIP Code:** 11.0802

**Location(s):** DeKalb/S.DeKalb/Newton/Online

**Program Description:** The Database Specialist program is designed to provide students with the knowledge, skills, and attitudes necessary to control the creation, maintenance, and the use of an Oracle and/or SQL Server database.

Course Number	Course	Credit Hours	Pre/Co-Requisite(s)
ENGL 1010	Fundamentals of English	3	Appropriate placement test scores
EMPL 1000	Interpersonal Relations and Professional Development	3	Provisional Admission
MATH 1012	Foundations of Mathematics	3	Appropriate arithmetic placement test score
COMP 1000	Introduction to Computers	3	Equivalent test score
CIST 1001	Computer Concepts	4	Provisional Admission
CIST 1130 or CIST 1135	Operating Systems Concepts OSs and Virtual/Cloud Computing	3 (4)	Provisional Admission
CIST 1200	Database Management	4	COMP1000, CIST1001
CIST 1210	Introduction to Oracle Databases	4	COMP1000, CIST1001
CIST 1305	Program Design and Development	3	COMP1000, CIST1001
CIST 1601	Information Security Fundamentals	3	COMP1000, CIST1001
CIST 2311 or CIST 2341 or CIST 2361 or CIST 2371	Visual Basic I C# Programming I C++ Programming I Java Programming I	4	COMP1000, CIST1001, CIST1305
CIST 2921	IT Analysis, Design, and Project Management	4	CIST 12x0 or CIST 23x1
Choose one specialization			
Oracle Specialization			
CIST 2212	Oracle Database Administration I	4	CIST 12x0
CIST 2214	Oracle Database Administration II	4	CIST 2212
CIST 2216	Oracle Advanced Topics	4	CIST 12x0
CIST 2431	Linux/UNIX Introduction	4	COMP1000, CIST1001
SQL Server Specialization			
CIST 2222	Administering Microsoft® SQL Server	4	CIST2414, CIST12x0
CIST 2224	Designing and Implementing Databases with Microsoft® SQL Server	4	CIST12x0
CIST 2411	Microsoft® Client	4	COMP1000, CIST1001
CIST 2414	Microsoft® Server Administrator	4	COMP1000, CIST1001
<b>Total</b>		<b>56</b>	

**Notes**

- Course descriptions, and required pre/co-requisites are available in the college catalog, which can be found online at <https://www.gptc.edu/current-students/course-catalog/>
- Changes to program requirements can be made and will be properly communicated to students.

### **Gainful Employment Information**

- Gainful employment information for this program can be found at:  
<https://www.gptc.edu/Database%20Specialist/DatabaseSpecialistGE.html>

### **Additional Information**

- As set forth in its student catalog, Georgia Piedmont Technical College does not discriminate on the basis of race, color, creed, national or ethnic origin, sex, religion, disability, age, political affiliation or belief, genetic information, veteran status, or citizenship status(except in those special circumstances permitted or mandated by law). Contact Dr. Perrin Alford, the ADA Coordinator at 404-297-0522, ext. 1231, ADA504Coordinator@gptc.edu or at the main DeKalb campus, 495 N. Indian Creek Drive, Clarkston, GA 30021, Room A-217; or Lolita Morrison, the Title IX Coordinator, at 404-297-9522, ext. 1210, TitleIXCoordinator@gptc.edu or at the main DeKalb campus, 495 N. Indian Creek Drive, Clarkson, GA 30021 Room A-157 for assistance.
- For more information about our graduation rates and other important program information, please visit our website at: <http://www.gptc.edu/wp-content/uploads/2018/02/Placement-rate-by-program.pdf>
- Georgia Piedmont Technical College is accredited by the Commission on Colleges of the Southern Association of Colleges and Schools to award Associate of Applied Science degrees, diplomas and technical certificates of credit. Contact the Commission on Colleges at 1866 Southern Lane, Decatur, Georgia 30033-4097 or call 404-679-4500 for questions about the accreditation of Georgia Piedmont Technical College. The Commission should be contacted only if there is evidence that appears to support Georgia Piedmont Technical College's significant non-compliance with Commission requirements or standards. Inquiries related to normal and ongoing College operations such as admission requirements, financial aid, programs, etc., should be addressed directly to Georgia Piedmont Technical College and not to the Commission on Colleges.