

About the Program

The Technical Certificate (T.C.) in Database Development Specialist gives students experience in popular databases including Oracle and Microsoft SQL Server.

Graduates may seek positions as database developers, database programmers, database administrators, and database consultants. The Oracle courses in the database certificate also provide a foundation for persons preparing for the Oracle Certified Professional (OCP) exams.

This program requires a **minimum of 27 credit hours**. Total program hours may vary based on the student's individual academic degree plan. This program **is not eligible** for financial aid.

Program Requirements

Students must fulfill all requirements outlined in the college catalog.

Important for You to Know

This academic roadmap does not include developmental education courses in reading, writing, and/or mathematics or other prerequisite courses that you may be required to take. In addition, it does not include technical certificate graduation requirements.

Students in this certificate program **are not required** to complete math courses unless they are listed as part of the certificate program. This certificate articulates directly into the Computer Information Technology (2153) (A.S.) degree, which includes a **Mathematical Thinking in Context math pathway**. This pathway is intended for students in the broadest range of programs of study. In this pathway, students will explore a variety of mathematical concepts utilizing multiple ways of thinking to formulate and solve problems in context.

Additional Information

- ⇒ **Program Information**, including advisor contact details: <https://www.fscj.edu/6955>.
- ⇒ **Technical Certificate Information**, including graduation requirements: <https://catalog.fscj.edu/academics/degree-certificate-programs/technical-certificates>.
- ⇒ **Program Requirements**: <https://catalog.fscj.edu/programs/6955>.
- ⇒ **Math Pathways Information**: <https://catalog.fscj.edu/academics/math-pathways>.

Sample Roadmap

This sample roadmap shows one possible pathway to program completion and may not be appropriate for all students.

Prior to enrolling in classes, please **meet with an advisor** for specific guidance about your individual academic plan. Some courses are offered only once per year; advising is critical for course progression.

Term 1

Course	Credits
COP 1000C - Introduction to Computer Programming	3
CGS 1100C - Microcomputer Applications for Business and Economics	3

Term 2

Course	Credits
CTS 2437C - SQL Server I - Fundamentals	3
COP 2822C - Web Technologies	4
CIS 2321 - Information Systems	3

Term 3

Course	Credits
CTS 2436C - SQL Server III - Administration	4
COP 2842C - Internet Programming	4
CTS 2438C - SQL Server II - Programming	3