

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

Students learn skills necessary for design, development, maintenance, management, and administration of comprehensive relational databases for corporations and organizations. 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.

<input checked="" type="checkbox"/> Task
<input type="checkbox"/> Explore career resources at fscj.edu/student-services/career-development .
<input type="checkbox"/> Meet with your advisor each term.
<input type="checkbox"/> Satisfy the technical certificate graduation requirements.

Career Options

Graduates may seek positions as database developers, database programmers, database administrators, and database consultants.

Articulation

This certificate articulates directly into the Computer Information Technology (2153) (A.S.) degree. Contact an advisor to determine the career education path that is best for you.

Important for You to Know

This academic roadmap does not include **developmental education courses** in reading, writing, and/or mathematics that you may be required to take. Students who place into developmental education courses are required to complete designated developmental education courses with a grade of C or higher regardless of program of study. In addition, it does not include **MAT 1033: Intermediate Algebra**, which, for many students, is a prerequisite course for MAC 1105.

Advising

(904) 598-5676 or net@fscj.edu.

Sample Roadmap

This roadmap provides general guidance about required courses. For specific guidance about your individual academic degree plan, please see an advisor. Also refer to the College Catalog and class schedules for additional information. **Full-time students will refer to the term-by-term recommendations, and part-time students will take courses in the order listed.**

A minimum grade of C or higher must be achieved in all professional courses.

Term 1

<input checked="" type="checkbox"/>	Course: Course Title	Credit Hours	Terms Offered
<input type="checkbox"/>	COP 1000C: Introduction to Computer Programming	3	All
<input type="checkbox"/>	CGS 1100C: Microcomputer Applications for Business and Economics	3	All

Term 2

<input checked="" type="checkbox"/>	Course: Course Title	Credit Hours	Terms Offered
<input type="checkbox"/>	CTS 2437C: SQL Server I - Fundamentals or CTS 2440: Oracle SQL and PL/SQL	3 or 4	All
<input type="checkbox"/>	COP 2822C: Web Technologies	4	All
<input type="checkbox"/>	CIS 2321: Information Systems	3	All

Term 3

<input checked="" type="checkbox"/>	Course: Course Title	Credit Hours	Terms Offered
<input type="checkbox"/>	CTS 2436C: SQL Server III - Administration or CTS 2441: Oracle Database Administration	4	All
<input type="checkbox"/>	COP 2842C: Internet Programming	4	All
<input type="checkbox"/>	CTS 2438C: SQL Server II - Programming or CTS 2445: Advanced Oracle PL/SQL Programming	3	All

Total Program Credit Hours

The **Database Development Specialist** T.C. program requires a **minimum of 27 credit hours**. Total program hours may vary based on the student's individual degree plan. Please see an advisor for individual guidance. This program **is not eligible** for financial aid.