FSCJ Florida State College at Jacksonville

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.

☑ Task
☐ View career information at http://www.fscj.edu/careercoach
☐ Meet with your advisor each term.
☐ 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. Students may pursue one or more certificates to develop or upgrade their skills in a particular field or pursue the A.S. degree and earn technical certificates while completing the requirements for the degree. Contact an advisor to determine the career education path that is best for you.

Advising

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

Recommended Roadmap

This roadmap provides general guidance about recommended courses. For specific guidance about your individual academic degree plan, please see an advisor. Also refer to the College Catalog 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

☑	Course: Course Title	Credit Hours	Terms Offered	Available Modalities
☐	COP 1000C: Introduction to Computer Programming	3	All	All
☐	CGS 1100C: Microcomputer Applications for Business and Economics	3	All	All

Term 2

☑	Course: Course Title	Credit Hours	Terms Offered	Available Modalities
☐	CTS 2437C: SQL Server I - Fundamentals **or** CTS 2440: Oracle SQL and PL/SQL	3 or 4	All	All
☐	COP 2822C: Web Technologies	4	All	All
☐	CIS 2321: Information Systems	3	All	All

Term 3

☑	Course: Course Title	Credit Hours	Terms Offered	Available Modalities
☐	CTS 2436C: SQL Server III - Administration **or** CTS 2441: Oracle Database Administration	4	All	All
☐	COP 2842C: Internet Programming	4	All	All
☐	CTS 2438C: SQL Server II - Programming **or** CTS 2445: Advanced Oracle PL/SQL Programming	3	All	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.

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.