

Specialized Track Options

Students are not required to select a specific track option. Specialized track options are listed as suggestions only for students who want to select specific coursework to complement career goals and certifications. For additional information, refer to the program page in the College Catalog at catalog.fscj.edu/programs/2153.

A minimum grade of C or higher is required in all Professional Elective coursework.

Software Development Track

- CEN2071C – Secure Software Testing
- CGS1060C – Introduction to Information Technology
- CIS2349C – Introduction to Big Data Applications
Note: Students must complete CNT 1015C prior to enrollment in this course.
- CIS2930C – Special Topics
- CNT1015C – Operating Systems Foundations
- COP2034C – Programming in Python
- COP2220C – C Programming
- COP2334C – Object-Oriented Programming with C++
- COP2360C – Introduction to C#
- COP2551C – Introduction to Object-Oriented Programming with Java
or COP2800C – Java 1
- COP2805C – Advanced Java Programming
- COP2806C – Developing Enterprise Applications Using Java EE
- COP2073C – Introduction to Statistical Programming with R
Note: Students are strongly recommended to take STA 2023 prior to enrollment in this course.
- COP2823C – ASP.NET Programming
- COP2837C – Introduction to Programming with Visual Basic.NET
- COP2842C – Internet Programming
- CTS1136 – A+ Certification Review
- CAP2787C – Data Warehousing
- CTS2456C – Introduction to SAS Programming

Web Track

- CGS1060C – Introduction to Information Technology
- CGS2820 – Web Site Design and Development
- CGS2821 – Advanced Web Site Design and Development
- CIS2930C – Special Topics
- CTS1136 – A+ Certification Review

Database Track

- CGS1060C – Introduction to Information Technology
- CGS2542 – Database Concepts for Microcomputers
- CIS2930C – Special Topics
- CTS1136 – A+ Certification Review
- CTS2436C – SQL Server III – Administration
- CTS2438C – SQL Server II – Programming
- CTS2456C – Introduction to SAS Programming

AI Track

- CAI 1001 – Introduction to Artificial Intelligence
- CAI 2100C – Machine Learning Foundations
- CAI 2300C – Introduction to Natural Language Processing
- CAI 2840C – Introduction to Computer Vision
- IDS 2703 – Interdisciplinary Approaches to AI