

Computer Programming Specialist Program Roadmap

Use this roadmap to guide your progress and keep you moving toward graduation.

- ☒ **Avoid surprises** – Meet with your advisor each term to monitor your progress and address concerns early.
- ☒ **Review course requirements** – Check course prerequisites, corequisites, and conditions before registering each term to ensure you meet all requirements and stay on track for graduation.
- ☒ **Stay eligible** – Maintain your GPA and complete required courses to remain in good standing.
- ☒ **Graduate on time** – Stay on schedule to avoid delays and excess credit hours that may not be covered by financial aid.

About the Program

Credit Hours: 28 total credit hours. Total hours may vary based on individual academic plan. Prior to enrolling in classes, please meet with an advisor for specific guidance about your individual academic plan.

Minimum Grade Requirement(s)

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

Stay on Track

Meet the technical certificate graduation requirements:

- ☐ Fulfill all academic requirements for the chosen program of study as outlined in the Florida State College at Jacksonville catalog and curriculum.
- ☐ Earn minimum prescribed semester hours for the chosen program of study with a cumulative grade point average of 2.0 (C) on a 4.0 scale on all courses that apply to the chosen program of study.
- ☐ Complete a minimum of 25 percent of the total hours required for the program in residence at Florida State College at Jacksonville. Credit by examination and credit for prior learning do not count toward this residency requirement.
- ☐ Fulfill all obligations, financial or otherwise, to the College before graduating.

More Information Online

Program Webpage: fscj.edu/program?pcode=6956

Program Catalog Page: catalog.fscj.edu/programs/6956

C Language Track

Sample Roadmap

Term 1: Fall, Spring, Summer

Course	Credits	Course Type	Terms Offered
COP 1000C – Introduction to Computer Programming	3	Professional	Fall, Spring, Summer
CGS 1100C – Microcomputer Applications for Business and Economics	3	Professional	Fall, Spring, Summer
MAN 2582 – Introduction to Project Management	3	Professional	Fall, Spring, Summer

Term 2: Spring or Fall

Course	Credits	Course Type	Terms Offered
CTS 2437C – SQL Server I – Fundamentals	3	Professional	Fall, Spring, Summer
COP 2822C – Web Technologies,	4	Professional	Fall, Spring, Summer
CIS 2321C – Information Systems	3	Professional	Fall, Spring, Summer
Professional Elective course	3	Professional Elective	Fall, Spring, Summer

Term 3: Varies

Course	Credits	Course Type	Terms Offered
Professional Elective course	3	Professional Elective	Fall, Spring, Summer
Professional Elective course	3	Professional Elective	Fall, Spring, Summer

C Language Track Elective Options

Minimum Credit Hours: 9.

- COP 2220C – C Programming, Credit Hours: 3. Terms Offered: Fall, Spring, Summer.
- COP 2334C – Object-Oriented Programming with C++, Credit Hours: 3. Terms Offered: Spring, Summer.
- COP 2360C – Introduction to C#, Credit Hours: 3. Terms Offered: Fall, Spring, Summer.
- COP 2823C – ASP.NET Programming, Credit Hours: 3. Terms Offered: Fall, Spring, Summer.

Note: Students must complete COP 2360C prior to enrolling in this course.

Java Track

Sample Roadmap

Term 1: Fall

Course	Credits	Course Type	Terms Offered
COP 1000C – Introduction to Computer Programming	3	Professional	Fall, Spring, Summer
CGS 1100C – Microcomputer Applications for Business and Economics	3	Professional	Fall, Spring, Summer
MAN 2582 – Introduction to Project Management	3	Professional	Fall, Spring, Summer

Term 2: Spring

Course	Credits	Course Type	Terms Offered
CTS 2437C – SQL Server I – Fundamentals	3	Professional	Fall, Spring, Summer
COP 2551C – Introduction to Object Oriented Programming with Java or COP 2800C – Java 1	3	Professional Elective	Fall, Spring, Summer

Term 3: Summer

Course	Credits	Course Type	Terms Offered
COP 2805C – Advanced Java Programming	3	Professional Elective	Spring, Summer, Summer
COP 2822C – Web Technologies,	4	Professional	Fall, Spring, Summer

Term 4: Spring

Course	Credits	Course Type	Terms Offered
CIS 2321C – Information Systems	3	Professional	Fall, Spring, Summer
COP 2806C – Developing Enterprise Applications Using Java EE	3	Professional Elective	Fall, Spring, Summer

Visual Basic.NET Track

Sample Roadmap

Term 1: Fall

Course	Credits	Course Type	Terms Offered
COP 1000C – Introduction to Computer Programming	3	Professional	Fall, Spring, Summer
CGS 1100C – Microcomputer Applications for Business and Economics	3	Professional	Fall, Spring, Summer
MAN 2582 – Introduction to Project Management	3	Professional	Fall, Spring, Summer

Term 2: Spring

Course	Credits	Course Type	Terms Offered
CTS 2437C – SQL Server I – Fundamentals	3	Professional	Fall, Spring, Summer
COP 2822C – Web Technologies,	4	Professional	Fall, Spring, Summer

Term 3: Summer

Course	Credits	Course Type	Terms Offered
COP 2823C – ASP.NET Programming	3	Professional Elective	Fall, Spring, Summer
COP 2842C – Internet Programming	4	Professional Elective	Fall, Spring, Summer

Term 4: Fall

Course	Credits	Course Type	Terms Offered
CIS 2321C – Information Systems	3	Professional	Fall, Spring, Summer
COP 2837C – Introduction to Programming with Visual Basic.NET	3	Professional Elective	Fall, Spring, Summer