

The Technical Certificate (T.C.) in CNC Machinist/Fabricator focuses on basic and advanced machining and basic CNC programming.

<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.

Articulation

This certificate articulates directly into the Engineering Technology (Advanced Manufacturing (2320) (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) 598-5618 or amt@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.

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

Term 1

Note: PMT 1203C is a prerequisite for PMT 2213C. Students may complete both courses in a single term by completing PMT 1203C in the A7 session and PMT 2213C in the C7 session.

<input checked="" type="checkbox"/>	Course: Course Title	Credit Hours	Terms Offered
<input type="checkbox"/>	PMT 1203C: Introduction to Machining	3	Fall
<input type="checkbox"/>	PMT 2213C: Advanced Machining I	3	Fall

Term 2

Note: PMT 2214C is a prerequisite for PMT 2250C. Students may complete both courses in a single term by completing PMT 2214C in the A7 session and PMT 2250C in the C7 session.

<input checked="" type="checkbox"/>	Course: Course Title	Credit Hours	Terms Offered
<input type="checkbox"/>	PMT 2214C: Advanced Machining II	3	Spring
<input type="checkbox"/>	PMT 2250C: CNC Programming I	3	Spring

Total Program Credit Hours

The **CNC Machinist/Fabricator** T.C. program requires a **minimum of 12 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.

Program Learning Outcomes

Upon completing this program, students will be able to demonstrate proficiency in the following program learning outcomes:

- Students will learn Computer Numerical Control (CNC)
- Students will learn machining