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

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.

<table>
<thead>
<tr>
<th>Course: Course Title</th>
<th>Credit Hours</th>
<th>Terms Offered</th>
</tr>
</thead>
<tbody>
<tr>
<td>PMT 1203C: Introduction to Machining</td>
<td>3</td>
<td>Fall</td>
</tr>
<tr>
<td>PMT 2213C: Advanced Machining I</td>
<td>3</td>
<td>Fall</td>
</tr>
</tbody>
</table>

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.

<table>
<thead>
<tr>
<th>Course: Course Title</th>
<th>Credit Hours</th>
<th>Terms Offered</th>
</tr>
</thead>
<tbody>
<tr>
<td>PMT 2214C: Advanced Machining II</td>
<td>3</td>
<td>Spring</td>
</tr>
<tr>
<td>PMT 2250C: CNC Programming I</td>
<td>3</td>
<td>Spring</td>
</tr>
</tbody>
</table>

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