

The Technical Certificate (T.C.) in Engineering Technology Support Specialist focuses on production materials and processes, quality, computer-aided drafting, electronics, mechanics, instrumentation, and safety.

<input checked="" type="checkbox"/> Task
<input type="checkbox"/> Explore career resources at <a href="https://fscj.edu/student-services/career-development">fscj.edu/student-services/career-development</a> .
<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](mailto: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

<input checked="" type="checkbox"/>	Course: Course Title	Credit Hours	Terms Offered
<input type="checkbox"/>	ETS 1352C: Introduction to Manufacturing Processes	3	Fall, Spring
<input type="checkbox"/>	EET 1084C: Survey of Electronics	3	Fall, Spring

#### Term 2

<input checked="" type="checkbox"/>	Course: Course Title	Credit Hours	Terms Offered
<input type="checkbox"/>	ETS 1520C: Basics of Instrumentation	3	Spring
<input type="checkbox"/>	BCN 2732: OSHA Safety	3	All

#### Term 3

<input checked="" type="checkbox"/>	Course: Course Title	Credit Hours	Terms Offered
<input type="checkbox"/>	ETI 2622C: Introduction to Lean Manufacturing	3	Fall, Summer
<input type="checkbox"/>	CGS 2470: Computer Aided Drafting and Design	3	Fall

### Total Program Credit Hours

The **Engineering Technology Support Specialist** T.C. program requires a **minimum of 18 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

While completing this program, students will learn:

- General information about industrial applications
- Production of materials and processes
- Quality of industrial applications and products
- Basics of electronics of mechanics, instrumentation and safety