ENGINEERING TECHNOLOGIST SUPPORT CERTIFICATE

The coursework in this certificate uses a project based learning curriculum to expose students to a variety of disciplines and applications in Engineering. It provides the framework for students to enter into an entry-level career in Engineering Technology, as a support person for an Engineering Technologist. Training received with completion of this certificate provides experience in various fields of engineering, such as, Electrical, Computer Integrated Manufacturing, Civil, and Architectural engineering.

CT.ENGR.ETS

Program Map
Design Your Future!

Begin by exploring MSJC program maps to find career or transfer (https://msjc.emsicc.com/?radius=&region=All%20Regions) opportunities. Program maps show the recommended course sequence that leads to graduation or transfer. The maps were developed by program experts to give you the skills and knowledge you need to succeed.

- **Starting in Spring?** Choose Fall Semester 1 courses.
- **Are you a part-time student?** Start Fall Semester 1 courses and follow the course sequence.

Fall Semester 1		Units
ENGR-120	Principles of Engineering Technology	3
ENGR-121	Introduction to Engineering Design	3
	Units	**6**
Spring Semester 1		
ENGR-122	Electronics for Engineering Technologists (formerly ENGR-522)	3
ENGR-523	Computer Integrated Manufacturing (formerly ENGR-123)	3
ENGR-124	Civil Engineering and Architecture (formerly ENGR-524)	3
	Units	**9**
Fall Semester 2		
ENGR-125	Engineering Design and Development	3
	Units	**3**
	Total Units	**18**

Requirements

Course	Title	Credits
Required Courses		
ENGR-120	Principles of Engineering Technology	3
ENGR-121	Introduction to Engineering Design	3
ENGR-122	Electronics for Engineering Technologists (formerly ENGR-522)	3
ENGR-124	Civil Engineering and Architecture (formerly ENGR-524)	3
ENGR-125	Engineering Design and Development	3

ENGR-523	Computer Integrated Manufacturing (formerly ENGR-123)	3
Total Units		**18**

Career Exploration

Discover information about careers that interest you!

1. Take a **Career Quiz (https://msjc.emsicc.com/assessment/)** to learn about yourself and receive career suggestions based on your interests.
2. Search available **in-demand jobs (https://msjc.emsicc.com/browse-careers/)** in your career areas of interest and find up-to-date salaries and education requirements.
3. Find the **MSJC Program (https://msjc.emsicc.com/browse-programs/)** that connects your interests to a career.

Note: There are no guaranteed positions for students completing these programs. Education and work experience required will vary by employer. The salary and benefits for specific occupations will be dependent on work experience, education, background, and employer.

Gainful Employment Disclosures: Engineering Technologist Support

Gainful Employment Disclosures – 2025

Program Name ENGINEERING TECHNOLOGIST SUPPORT

This program is designed to be completed in 8 months.
This program will cost $828 if completed within normal time. There may be additional costs for living expenses. These costs were accurate at the time of posting, but may have changed.

Of the students who completed this program within normal time, the typical graduate leaves with $0 of debt.

The following States do not have licensure requirements for this profession: California

For more information about graduation rates, loan repayment rates, and post-enrollment earnings about this institution and other postsecondary institutions please click here: https://collegescorecard.ed.gov/

NOTE:
Cost per unit $46
Nonresident Fees- Tuition: $313
Capital Outlay: $58
Parking Permits cost $90 a year or $45 a semester
RTA Go Pass cost $16 a year or $8 a semester
SGA discount sticker (optional) - $14 a year or $7 a semester
Student representation fee (optional) - $4 a year or $2 a semester
Help a Student Fund (optional) - $4 a year or $2 a semester
Student Health Center Fee - $54 a year or $27 a semester
*For summer session fees and non-CA resident tuition, please see: https://www.msjc.edu/enroll/what-fees-do-i-have-to-pay.html