Engineering Technology
Engineering Technologist Support Certificate

Engineers help find ways to feed and house the world! And have shrunk supercomputers to fit into your pocket! Everything around you was created with the designs and innovation of Engineers. Engineers combine an understanding of people's goals, innovative science, practical methods and perseverance to create the modern world.

Please see a Pathways Counselor: Create an education plan customized to meet your needs. Contact a Counselor

Transfer Majors/Award Focus
- Engineering Drafting Technology, A.S.
- Engineering Technologist Support Certificate
- Engineering: Drafting Technology Certificate

GE Pattern/Units
- GE Pattern: Option N/A
- Total Units: 18

Program maps indicate the major coursework and recommended general education courses to fulfill your degree in 2 years (approximately 15 units/semester or 30 units/year). If you are a part-time student, start Semester 1 courses and follow the course sequence. Some of the courses listed may be substituted by another course. Please view these options in the official course catalog.

Semester 1   *6 Units*

✔	COURSE	TITLE	UNIT
☐	ENGR-120	Principles of Engineering Technology	3
☐	ENGR-121	Intro to Engineering Design	3

Semester 2   *9 Units*

✔	COURSE	TITLE	UNIT
☐	ENGR-122	Electronics for Engineering Technologists	3
☐	ENGR 523	Computer Integrated Manufacturing	3
☐	ENGR-124	Civil Engineering & Architecture	3

Semester 3   *3 Units*

✔	COURSE	TITLE	UNIT
☐	ENGR-125	Engineering Design & Development	3

Career Options
Surveying Technicians (C, A)
Civil Engineers (B, M)
Mechanical Engineering Technologists (A, B)
Mapping Technicians (SM, C, B)
Find more careers: msjc.emsicc.com

Required Education: SM: some college; C: Certificate; A: Associate,
B: Bachelor's, M: Master's; D: Doctorate

Financial Aid
Financial aid is determined by the number of credit hours you take in a semester. Maximize your financial aid by taking 12-15 units per semester.