

WELDING TECHNOLOGY CERTIFICATE

Overview

The Welding Technology Certificate offers comprehensive training for students pursuing various welding disciplines. Students gain hands-on experience in welding labs, learn safety protocols following ANSI standards, and study welding theory, codes, and metallurgy. The certificate covers techniques such as Shielded Metal Arc Welding (SMAW), Gas Metal Arc Welding (GMAW), Gas Tungsten Arc Welding (GTAW), and Flux-Cored Arc Welding (FCAW). Successful completion can lead to structural welding certifications from the American Welding Society (AWS), enhancing employment opportunities in the welding industry. In the final semester, students will complete a general work experience course designed to apply their acquired skills in a real-world setting. This capstone experience allows students to gain invaluable work-based learning, strengthening their professional readiness as they transition into the workforce.

CT.WELD

Program Map Design Your Future!

Begin by exploring MSJC program maps to find career or transfer (<https://msjc.emsicc.com/?radius=®ion=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
WELD-700	Introduction to Welding Technology ¹	3
WELD-701	Welding Symbol & Blueprint Applications ²	3
Units		6
Spring Semester 1		Units
WELD-702	Welding Level I	4
Units		4
Fall Semester 2		Units
WELD-703	Welding Level II	4
CWE-549	General Work Experience	2
Units		6
Total Units		16

¹ Take in first 8 weeks

² Take in second 8 weeks

Requirements

Course	Title	Credits
WELD-700	Introduction to Welding Technology	3
WELD-701	Welding Symbol & Blueprint Applications	3
WELD-702	Welding Level I	4

WELD-703	Welding Level II	4
CWE-549	General Work Experience	2
Total Units		16

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: Welding Technology

Gainful Employment Disclosures – 2025

Program Name WELDING TECHNOLOGY

This program is designed to be completed in 8 months.

This program will cost \$736 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>