

WELDING TECHNOLOGIES

Certificate of Completion

#24373

This certificate is designed to prepare students for employment, and 1) leads to occupations in manufacturing and repair; and 2) helps prepare the student for positions in supervision.

Program Learning Outcomes

- Students will be employed or seeking employment in the area of study or a related area.
- Students will be technically competent.
- Students will correctly answer two designated questions on welding process id.

Review [Student Learning Outcomes \(SLOs\)](#) for this program.

Required Courses

Course Prefix	Course Name	Units
VOC WL40	Introduction to Welding	
VOC WL70A	Beginning Arc Welding ¹	
VOC WL70B	Intermediate Arc Welding	

¹ Note: Any higher level welding course may be substituted for VOC WL70A.

Recommended Electives

The Welding faculty recommends that students complement their studies with selected elective courses chosen from the list below. Students should meet with a professor of Welding to help you determine which of those electives would best suit your career plans.

Course Prefix	Course Name	Units
VOC WL60	Print Reading and Computations for Welders	
VOC WL70C	Certification for Welders	

Vocational Studies

Continuing Education classes, also known as "Noncredit," are financially supported by the state of California and are offered tuition-free. Noncredit classes are designed to provide students with a high-quality learning experience with the opportunity to gain new skills and embark on new career pathways. Noncredit programs at Mt. SAC include Adult Basic Education (ABE), Education for Older Adults (EOA), English as a Second Language (ESL), Short-Term Vocational (STV), Vocational Re-Entry (VRE), and IMPACT/Adults with Disabilities (AWD). Below are certificate opportunities in the STV and VRE programs.

Course	Title	Units
Fall Term		
VOC WL40	Introduction to Welding ⁰	0
VOC WL70A	Beginning Arc Welding ⁰	0
	Units	0
Spring Term		
VOC WL70B	Intermediate Arc Welding ⁰	0
	Units	0
	Total Units	0