

WELDING

Technology and Health Division

Certificate E0919

This program is designed to prepare the student for employment in the broad field of welding and

1. leads to occupations in manufacturing and repair; and
2. helps prepare the student for positions in supervision.

Courses in the welding curriculum prepare students for welding certificates. The College is a testing agency for the City of Los Angeles, and is authorized to administer the performance test for the Structural Welding certificate. There is a \$50 charge for students and \$60 for nonstudents to take this test. Topics of the written portion of the test which is administered by the City are reviewed in various welding courses offered by the College.

Required Courses

Course Prefix	Course Name	Units
WELD 40	Introduction to Welding	2
WELD 70A	Beginning Arc Welding ¹	3
WELD 70B	Intermediate Arc Welding	3
Total Units		8

¹ Note: Any higher level welding courses may be substituted for WELD 70A.

Recommended Electives

Course Prefix	Course Name	Units
WELD 60	Print Reading and Computations for Welders	3
WELD 70C	Certification for Welders	3

Air Conditioning & Welding Website (<http://www.mtsac.edu/airconditioning-welding>)

Guided Pathway of Study (<http://www.mtsac.edu/instruction>)

Program Learning Outcomes

Upon successful completion of this program, a student will:

- Be prepared to pass the Los Angeles City Structural Steel Exam.
- Be employed or seeking employment in their area or a related area.

Review Student Learning Outcomes (SLOs) (<http://www.mtsac.edu/instruction/outcomes/sloinfo.html>) for this program.