

ENTRY LEVEL WELDING TECHNICIAN, CAREER PATHWAY CERTIFICATE

- repair welding
- fabrication

Program Code: CC.ENTRYWLDTECH

This program is designed with core competencies in mind while allowing the student flexibility to take other relevant welding courses.

For information contact Dustin Bates, 503-594-3973
or dustinb@clackamas.edu, or the Automotive and Welding Department,
503-594-3047

Outcomes

Program Outcomes

Upon successful completion of this program, students should be able to:

- work safely in an industrial environment around machinery, power tools, and chemicals;
- set up, operate, and make adjustments to welding equipment as necessary to demonstrate quality workmanship that meets current American Welding Society (AWS) and industry standards;
- apply basic knowledge of blueprint reading to fabricate projects as assigned.

Requirements

Code	Title	Credits
MFG-107	Industrial Safety & First Aid	3
WLD-100	Welder's Print Reading I	3
WLD-250	Welding Fabrication I Beginning Project	4
Electives (p. 1)		11-12
Total Credits		21-22

Electives

Code	Title	Credits
MFG-103	Machining for Fabrication & Maintenance	3
WLD-110	Welder Certification	4
WLD-111	Shielded Metal Arc Welding (Stick)	4
	or	8
WLD-113	Gas Metal Arc Welding/Flux Core Arc Welding (Wirefeed)	4
	or	8
WLD-115	Gas Tungsten Arc Welding (GTAW)	4
	or	8

Careers

Career opportunities include:

- cutting parts
- blueprint reading and fitting
- tacking
- production welding