

WELDING

CERTIFICATE PROGRAM

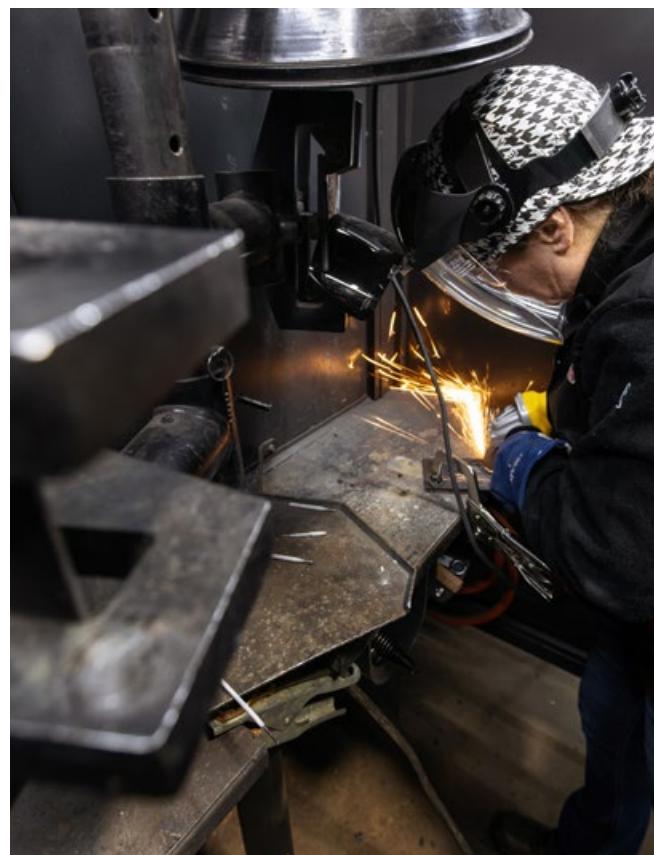
Students in KVCC's Welding program develop a range of technical skills, knowledge and experience through the combination of coursework and hands- on training in a modern welding lab environment.

"My hands-on industry driven aspect of this program is key in translating these skills in the workforce. Upon completion of this program, you will have the skills and confidence to excel in the welding profession you choose!"

"Welders build the world we live in. American Welding Society President David McQuaid explains the extensive impact welding has on all of us: Welding is an essential part of everyday life. From cars to high rise office buildings, airplanes to rockets, pipelines to highways, none of it would be possible without welding."



Enjoy a career in welding and metal fabrication



What Welding graduates do:

- SMAW, FCAW, and GTAW processes
- Horizontal, vertical, and overhead positions
- Oxy-fuel cutting & plasma cutting
- Safety
- Blueprint
- Fabrication
- Gouging
- OSHA30

Career Opportunities:

- Manufacturing plants
- Fabrication plants
- Automotive companies
- Small businesses
- Machine shops
- Large industrial construction projects, apprenticeships, fab shops, manufacturing
- Department of Defense contractors

For further questions about this program, please contact: kvccadmissions@maineccc.edu

WELDING

Certificate

First Semester

BPT127	Print Reading for Welders	3
MAT114	Technical Math	3
SAF101	OSHA 30 Standards	2
WLD101*	Welding I	6

Second Semester

ENG108	Technical Writing	3
WLD102*	Welding II	6
WLD110*	Metal Fabrication	3

Total Credits

26

CRITERIA FOR GRADUATION

Students in the Welding Certificate program must complete 26 credits, achieve a minimum grade of "C" in all core courses (*), and attain a final GPA of 2.0 or higher.

WELDING

Certificate

DESCRIPTION

The Welding Certificate Program prepares the graduate for employment as a welder in industry. The graduate will be proficient in oxy-acetylene welding and plasma cutting, arc welding, MIG and fabrication. Students have the opportunity to become American Welding Society (AWS) certified when they successfully complete the tests to measure their welding skills.

PROGRAM MISSION

The mission of the KVCC Welding Certificate Program is to provide an industry based curriculum and a network of support that will enable students to build a strong foundation of skill and knowledge in preparation for a successful career in the welding and metal fabrication fields.

EDUCATIONAL OUTCOMES

Upon successful completion of the Welding program, a graduate is expected to:

1. Be employable individuals in the welding industry.
2. Be skilled in the welding field.
3. Participate in AWS Certification Tests.
4. Have a foundation in multiple processes of welding.
5. Be able to cut steel with the oxy-fuel torch and plasma cutter.

COLLEGE ADMISSION

General admission guidelines can be found on [page 34](#) in the catalog.