



Welding Technology

This Welding Technology program offers a 48 credit technical certificate that prepares individuals to apply technical knowledge and skills to join or cut metal surfaces. The program prepares students for the American Welding Society Qualification and Certification (AWS QC4) tests that are offered at Washburn Tech. Formal and self-paced instruction includes: Shielded Metal Arc Welding (SMAW); Gas Metal Arc Welding (GMAW); Flux Cored Arc Welding (FCAW), Gas Tungsten Arc Welding (GTAW), and cutting processes. Related technical instruction also includes quality assurance and control, print reading, safety, and workplace skills.

Full time students can complete the program in one calendar year. Part time, including high school students, can complete the program in four semesters. Students who successfully complete the program may be eligible to complete their associate's degree at Washburn University.



The program consists of the following courses:

- Introduction to Welding
- Print Reading/Math 1
- Cutting Process
- Shielded Metal Arc Welding 1
- Gas Metal Arc Welding Basic
- Workplace Skills 1
- Oxygen-Fuel Welding
- Print Reading 2
- Flux Cored Arc Welding
- Shielded Metal Welding 2
- Special 1
- Special 2
- Workplace skills 2
- Welding OJT

*For more program, enrollment, and course schedule information please contact Student Services.
Financial Aid is available to those who qualify.*

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