



The Welding Technology program prepares students to enter the workforce as an entry-level, credentialed, and skilled welder/fabricator.

The welding industry is growing and building much faster than workers can be trained. Opportunities include, but are not limited to, fabrication shops, manufacturing companies, specialty welding shops, automotive/diesel repair companies, and oil and gas industries.

PROGRAM CURRICULUM

Welding Technology students will learn how to maintain tools and equipment, as well as learn how to read and interpret blueprints and weld symbols, understand power sources and current types, and gain the knowledge and skills to make satisfactory welds in all positions that meet industry standards in Flux Core Arc Welding (FCAW), Gas Metal Arc Welding (GMAW), Gas Tungsten Arc Welding (GTAW), and Shielded Metal Arc Welding (SMAW).

DCC is the first school in Montana with an aluminum-only class that aligns with Spika Welding's preferred curriculum goals and has the latest welding equipment, machinery, and tools used in the industry. Students log more than 2000 hours of hands-on training in the shop.

PROGRAMS OF STUDY

Certificate of Applied Science

Upon completion of the one-year CAS, students will be able to

- Demonstrate safe work habits in welding/metal fabrication.
- Identify and use a variety of techniques and materials to achieve the desired weld.
- Perform quality welds on mild steel using arc and gas methods.
- Layout and cut flat and structural steel.

Associate of Applied Science

In addition to the above skills, students completing the AAS option will

- Show ability in structural welding, MIG/TIG applications, and advanced welding techniques.
- Demonstrate welding symbol interpretation.
- Attain AS LEVEL I Welding Certification.

Certificate of Technical Studies

Students have the option of earning a CTS after each semester by completing program-specific courses. This allows students to earn a credential after just one semester and develops a more skilled workforce.

Important information about the educational debt, earnings, and completion rates of students who attended this program can be found at www.dawson.edu/content/uploads/2018/03/Welding-Technology-Welder-Gainful-Employment-Disclosure.htm.



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WELDING TECHNOLOGY