

Welding Technology

Contact Info.

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The Casper College Welding Technology program is taught by faculty with a wealth of experiences from diverse backgrounds. These experiences offer the student a perspective of many applications in the welding and joining industry. Class size is limited to insure all students have access to the newest equipment and are offered individual instruction. Both instructors are nationally certified as both inspectors and educators, insuring the student industry accepted training.



Casper College strives to offer the most comprehensive instructional welding program in Wyoming and the region. The goal of the program is to provide the industry with tomorrow's technology today.

Students are exposed to a broad spectrum of career opportunities to ensure graduates a rewarding career in the field of welding and joining.

The industry provides instructors with a variety of challenges, which in turn allows the faculty to create a flexible work environment and new curricula for students.

Points of Pride

- Small class size
- Individual instruction
- High placement rate
- Latest technology and equipment
- Modern shop
- Breadth of offerings
- Engaged advisory board

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Instructors provide positive support, professional skill development and job-placement assistance. Their experience in multiple industry welding operations, welding inspection across the United States, certification through the American Welding Society, and the most recent educational instructional experience all contribute to each student's development. The instructors cover the latest techniques in Gas Tungsten Arc Welding (GTAW), Shielded Metal Arc Welding (SMAW), Gas Metal Arc Welding (FCAW), automated submerged arc welding, and plasma applications.

Simulating job-related situations, students test their skills during

classroom exercises and undergo practical testing in accordance with today's codes and standards.

Casper College welding students are exposed to nearly all of Wyoming's supporting industries.



Job Opportunities

- Welding designer
- Assembly line welder
- Welding supply salesperson
- Private business owner
- Pipe welder
- Maintenance welder
- TIG welder
- Quality control inspector
- Structural welder
- Industrial maintenance welder
- Heavy equipment welder
- MIG welder
- Welding shop supervisor
- Engineer
- Plant maintenance worker

Potential Earnings per hour

- Shop fabricator \$13-\$18 per hour with ample overtime available
- Construction Welder \$15-30 per hour
- Independent contract welder with truck \$95-\$130 per hour

Curriculum: Welding Technology

Major Requirements:

- Welding Tech Safety (8 weeks)
- Print Reading (8 weeks)
- Oxyacetylene Welding
- Shielded Metal Arc Welding
- Gas Metal Arc Welding (GMAW)
- Gas Tungsten Arc Welding (GTAW)
- Welding Fabrication
- Specialized Arc Welding
- Structural Welding
- Pipe Welding I
- Pipe Welding II
- Inspection
- Metallurgy
- A minimum of 64 approved semester credits are required for graduation.
- Electives from Auto Body, Construction, and Machine Tool