



WELDING

Welding

This program provides skills and knowledge needed in today's welding industry, and combines hands-on welding with classroom instruction in the five commonly used welding processes; Oxyacetylene Welding (OAW), Shielded Metal Arc Welding (SMAW), Gas Metal Arc Welding (GMAW), Flux Cored Arc Welding (FCAW), and Gas Tungsten Arc Welding (GTAW).

CWC is an Accredited Test Facility with the American Welding Society. With up-to-date welding equipment, be trained according to the AWS D1.1 Structural Steel Welding Code, as well as the API 1104: Welding of Pipelines and Related Facilities Standard. Additionally, the degree offers courses in metallurgy, blueprint reading, and weld inspection to build depth of understanding in the welding field.

Students are also given the opportunity to take Welder Performance Qualification Tests to become an American Welding Society Certified Welder. This is in addition to the AAS Degree and the Certification 1 and 2.

Degree/Certificates

- Associate of Applied Science
- Certificates



To view our faculty,
visit www.cwc.edu/faculty

Learn Skills

- Fabrication
- Gas Tungsten Arc Welding (GTAW) on Pipe and Plate
- Gas Metal Arc Welding (GMAW) on Pipe and Plate
- Flux Core Arc Welding (FCAW) on Pipe and Plate
- Oxy-Acetylene Welding and Cutting
- Plasma Cutting
- Welding Metallurgy
- Welding Symbols

Snapshot

- Up-to-date welding and safety
- Weld the first semester
- CNC Plasma Cutting
- American Welding Society Training/Test Center
- Train to AWS D1.1 Code Book and the API 1104 Code Book
- Certification tests based on industry standards
- Scholarships

Pathways to...

- Farm and Ranch Repair
- Workforce skills
- Enhance professional skills
- Careers in:
 - Petro/Chemical Industry
 - Refinery Construction
 - Oil Field Maintenance
 - Gas Pipeline Construction
 - Industrial Construction

Non-Discrimination Statement

Consistent with its mission to value diversity and to treat all individuals with dignity and respect, Central Wyoming College does not discriminate on the basis of race, color, religion, sex (including pregnancy, sexual orientations, marital status, or gender identity), national origin, age, disability (mental and/or physical), veteran status, or genetic information in admission, or access to, or treatment, or employment in its educational program services or any other activities. The college makes reasonable accommodations to serve students with special needs and offers services to students who have the ability to benefit. Inquiries concerning:

- Title VII and Title IX may be referred to Jennifer Appleby, Director of Human Resources, Central Wyoming College, 2660 Peck Avenue, Riverton, WY 82501 (307) 855-2112

- Section 504 of the Rehabilitation Act may be referred to: Nicole Schoening, CWC Counselor and Disability Services Coordinator, Central Wyoming College, 2660 Peck Avenue, Riverton, WY 82501 (307) 855-2011. Inquiries may also be sent to the Office of Civil Rights for Wyoming at Denver Office, Office of Civil Rights, U.S. Department of Education, Federal Building, 1244 Speer Blvd, Suite 310, Denver, CO 80204-3582, 303-844-5695, Fax 303-844-4303, TDD 303-844-3417, email OCR_Denver@ed.gov.



To learn more about the program,
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