

Welding



Entry Level I - All Process Certification

Qualified Federal Financial Aid Program

Course	Title	Credits
WEL 100	Safety for welders	1
WEL 101	Allied cutting process	4
WEL 163	Basic shielded metal arc welding	1
WEL 103	Basic shielded metal arc welding I	4
WEL 104	Basic shielded metal arc welding II	4
WEL 110	Advanced shielded metal arc	4
WEL 121	Structural welding I	3
WEL 162	Basic flux cored arc welding	1
WEL 203	Flux cored arc welding I	4
WEL 204	Flux cored arc welding II	4
WEL 201	Gas metal arc welding I	4
WEL 124	Intro to gas tungsten arc welding	4
Total Program Credits		38

Estimated Program Cost \$5,670.00
Estimated Materials Cost \$300.00

Advanced Level II - All Process Certification

WEL 111	Advanced shielded metal arc II	4
WEL 277	Special topics: Adv. Flux core arc welding	4
WEL 202	Gas metal arc welding II	4
WEL 224	Advanced gas tungsten arc welding	4
WEL 230	Pipe welding I	4
WEL 231	Pipe welding II	4
Total Program Credits		24

Estimated Program Cost \$3,528.00

Expert Level III - All Process Certification

WEL 265	SMAW carbon steel pipe 6GR	4
WEL 266	SMAW stainless steel pipe 6G	4
WEL 267	GMAW S carbon steel pipe 6G	4
WEL 268	GMAW-P aluminum pipe 6G	4
Total Program Credits		16

Estimated Program Cost \$2,352.00

Level II and III - All Process Certification

Qualified Federal Financial Aid Program

Students registered for the joint Level II and Level III-All Process Certification Program are qualified federal financial aid eligible.

Advanced Level II - All Process Certification	(24)
Expert Level III - All Process Certification	(16)
Total Program Credits	40

Estimated Program Cost \$5,880.00

- Among the highest paid construction occupations
- Job and career opportunities are excellent
- Flexible schedules available including days, evenings and Saturdays
- Choose from a wide variety of careers
- Learn all processes of welding: FCAW, GMAW, GTAW, and SMAW
- American Welding Society (AWS) Certified



EMILY GRIFFITH
 OPPORTUNITY SCHOOL
 1250 Welton Street • Denver, CO 80204
www.emilygriffith.edu
 720-423-4700

Register Today!

By Telephone
 In Person

720-423-4702
 2nd Floor Registration Desk
 1250 Welton Street, Denver

Online

www.emilygriffith.edu

Welding Job Information

PROGRAM DESCRIPTIONS

This program teaches the skills necessary to pass welder tests in SMAW, Oxy-Acetylene, GMAW, GTAW, open plate, and pipe welding. Certification is available in SMAW and GMAW.

OTHER AVAILABLE PROGRAMS

AWS SENSE Entry Level I - SMAW Certification

AWS SENSE Entry Level I - FCAW Certification

AWS SENSE Entry Level I - GMAW Certification

AWS SENSE Entry Level I - GTAW Certification

AWS SENSE Advanced Level II - SMAW Certification

AWS SENSE Advanced Level II - FCAW Certification

AWS SENSE Advanced Level II - GMAW Certification

AWS SENSE Advanced Level II - GTAW Certification

AWS SENSE Expert Level III - SMAW Certification

AWS SENSE Expert Level III - FCAW Certification

AWS SENSE Expert Level III - GMAW Certification

AWS SENSE Expert Level III - GTAW Certification

RELATED JOB TITLES

Aircraft industry welder
Artist
Auto repair technician
Boiler maker
Custom fabricator
Iron worker
Machinist
Pipe fitter/welder
Ship builder

TRANSFERABLE JOB SKILLS

Blueprint reading
General layout and fabrication skills
Meeting safety standards
Sheet metal work
Tool and die making
Welding inspector

ESTIMATED SALARIES

(Based on Colorado Dept. of Labor Occupational Outlook Handbook)

<u>Job Titles</u>	<u>Hourly Pay</u>	<u>Annual Salary</u>
Welder		
Entry Level	\$11.73	\$24,400
Experienced	\$18.97	\$39,460

POTENTIAL EMPLOYERS

Aerospace industry
Ball Aerospace
Budweiser Brewing Company
Cobe Laboratories
Coors
Food processing plants
Majestic Metals
Martin Marietta
Medical manufacturing companies
National Institute of Solar Technologies
National Oceanic Atmospheric Administration (NOAA)
Refineries

JOBS ONLINE

Go to the Emily Griffith Opportunity School web site at <http://careers.egos-school.com>
Select "job links" for a listing of jobs available

REGISTRATION

See John Cleary, advisor, at the 2nd floor registration area or call 720-423-4716 for an appointment.

FINANCIAL AID

Available through the Financial Aid Office.
Call (720) 423-4744 for information regarding the types of aid available for this course/program.

START COLLEGE HERE

Transfer up to 42 program credits to a Colorado community college, complete the five required academic courses, and earn an Associate's of Applied Sciences Degree.