

# 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 106	Blue Print Reading for Fitters and Welders	4
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
<b>Total Program Credits</b>		<b>38</b>

**Estimated Program Cost \$6,804.00**

Additional material and book fees may apply. Please see advisor for exact costs.

## 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
<b>Total Program Credits</b>		<b>24</b>

**Estimated Program Cost \$3,792.00**

Additional material and book fees may apply. Please see advisor for exact costs.

## 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
<b>Total Program Credits</b>		<b>16</b>

**Estimated Program Cost \$2,528.00**

Additional material and book fees may apply. Please see advisor for exact costs.

## 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)
<b>Total Program Credits</b>	<b>40</b>

**Estimated Program Cost \$6,320.00**

Additional material and book fees may apply. Please see advisor for exact costs.



- 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



• Opportunities For All Who Wish To Learn •

## Register Today!

By Telephone  
In Person

720-423-4702

2nd Floor Registration Desk  
1250 Welton St., Denver

Online

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

## **ESTIMATED SALARIES**

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

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

## **POTENTIAL EMPLOYERS**

Aerospace industry

Automotive industry

Construction industry

Food processing plants

Metal manufacturers

Medical manufacturing companies

Refineries

## **ADVISING**

Contact John Cleary at [John\\_Cleary@dpsk12.org](mailto:John_Cleary@dpsk12.org) or call

Lydia Melvin at 720-423-4712 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.