



This one to two-year program students with the skills in welding and related fields. Students learn about blueprint reading, layout and joint design, fabrication, safety, metal preparation and more.

Credential Opportunities:

Students who successfully complete our Career Start program will earn credit towards certificates and/or an Associates of Applied Science (AAS) degree at PPSC.

Desirable skills and aptitudes:

Basic math, metals shop and drafting.

Career Opportunities:

Pipe Welder
Structure Welder
Boilermaker Welder
Aerospace Welding
Welder Robotic Operator
Welding Inspector

Regional Job Openings:

245 jobs posted in Pikes Peak region*

*Lightcast Economic Data. Dec. 2023 – Nov. 2024

Courses Include:

1st Year

Fall Semester

WEL 1000 Safety for Welders (1)

WEL 1006 Blueprint Reading for Welders & Fitters (CC) (4)

WEL 1025 Intro to Gas Metal Arc Welding (TL, CC) (4)

Spring Semester

WEL 2050 Layout & Fabrication (4)

WEL 1024 Introduction to Gas Tungsten Arc Welding (4)

2nd Year

Fall Semester

WEL 2024 Advanced Gas Tungsten Arc Welding (4)

WEL 2025 Advanced Gas Metal Arc Welding (4)

Spring Semester

WEL 1013 Oxyfuel & Plasma Cutting (2)

WEL 1021 Structural Welding I (3)

WEL 1022 Structural Welding II (3)