

WELDING - CERT B

The Welding program prepares individuals to apply technical knowledge and skills to join or cut metal surfaces. Instruction includes: Shielded Metal Arc Welding (SMAW); Gas Metal Arc Welding (GMAW); Flux Cored Arc Welding (FCAW), and cutting processes. Related technical instruction also includes quality assurance and control, print reading, safety, and workplace skills.

Students entering the Welding program will have one entry point and four possible exit points - Cert A (26 credits), Cert B (38 credits), Cert C (50 credits) or an Associate of Applied Science degree.

Program Information

- Required Math Score: Level 4
- Required Reading Score: Level 4
- Program Start (semesters): August
- Financial Aid available (for post-secondary students only): Yes
- Veteran Benefits Eligible (for post-secondary students only): Yes
- Industry-recognized credentials: AWS 1F; AWS 1G; AWS 2F; OSHA

Certificate Requirements

Code	Title	Hours
IND 105	OSHA - 10 Hr Gen Industry Cert	1-2
or IND 109	OSHA - 30 Hour Const Ind Cert	
WEL 105	Welding Blueprint Reading	3
WEL 120	Oxy-Fuel/Cutting Procedures	3
WEL 131	Shielded Metal Arc Welding I	3
WEL 135	Shielded Metal Arc Welding II	3
WEL 141	Gas Metal Arc Welding I	3
WEL 145	Gas Metal Arc Welding II	3
WEL 246	Gas Tungsten Arc Welding I	3
WEL 221	Flux Cored Arc Welding I	3
MAT 101	Technical Math I	3
WEL 227	Welding Metallurgy	3
WEL 267	Gas Tungsten Arc Welding II	3
WEL 240	Gas Metal Arc Welding- Plate	3
Total Hours		37-38