

## **Certificate of Achievement: Structural Steel Welding**

The Welding Technology Certificate of Achievement in Structural Steel Welding is designed for those interested in welding structural steel. Course work includes a comprehensive study with an emphasis on application of fundamental welding techniques and industry practices. Program completers are prepared for entry level employment into industries such as steel construction and maintenance & repair, and general fabrication.

### Certificate Student Learning Outcome:

Students will be able to demonstrate advanced level skills to produce quality welds in the flat, horizontal, vertical, and overhead positions using the shielded metal arc welding process.

### Program Requirements:

Units Required: 19.5

		Units:
WELD-101A	Introduction to Shielded Metal Arc Welding	2.5
WELD-101B	Intermediate Shielded Metal Arc Welding	2.5
WELD-101C	Advanced Shielded Metal Arc Welding	2.5

### Required Electives:

WELD-130	Welding Metallurgy	3.0
WELD-131	Non-Destructive Testing	3.0
WELD-132	Blueprint Reading for Welders and Fabricators	3.0
WELD-133	Welding Inspection	3.0