

## **Certificate of Achievement: Semi-Automatic Welding**

The Welding Technology Certificate of Achievement in Semi-Automatic welding to gain the technical and applied skills to perform advanced welding tasks. 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 aerospace, motorsports, petrochemical, and general fabrication

### Certificate Student Learning Outcome:

Students will be able to demonstrate proficiency in industry recognized principles and practices as they apply to today's welding and metal fabrication industries.

### Program Requirements:

Units Required: 19.5

|   | Units: |
|---|--------|
| WELD-111A Introduction Semi-Automatic Welding Processes | 2.5    |
| WELD-111B Intermediate Semi-Automatic Welding Processes | 2.5    |
| WELD-111C Advanced Semi-Automatic Welding Processes     | 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 |