

# BASIC SEMI-AUTOMATIC WELDING - CERTIFICATE OF COMPLETION

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**Plan Code: 6038**

This program is designed for those interested in learning basic Gas Metal Arc Welding and Flux-Core Arc Welding. Course work includes an entry-level study with an emphasis on application of fundamental welding techniques and safe industry practices. This course prepares the student for an entry-level position as a Semi-Automatic Welder. The student will also be required to provide all PPE safety gear (personal protective gear) required to safely perform welds in the lab.

## Program Student Learning Outcomes

- Demonstrate basic level skills to produce quality welds in the flat, horizontal, vertical, and overhead positions using semi-automatic welding processes: GMAW (Gas Metal Arc Welding) and FCAW (Flux Core Arc Welding).

## Program Requirements

Code Number	Course Title	Hours
<b>REQUIRED COURSES</b>		
WELD 600	Welding (General)	72
WELD 671	Semi-Automatic Welding (GMAW and FCAW)	54
<b>Total Hours</b>		<b>126</b>