

BASIC SEMI-AUTOMATIC WELDING - CERTIFICATE OF COMPLETION

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
REQUIRED COURSES		
WELD 600	Welding (General)	72
WELD 671	Semi-Automatic Welding (GMAW and FCAW)	54
Total Hours		126