

## Gas Metal Arc Welding - WE110

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**Section:** WE110 001261S Main Campus

**Credit Hours:** 3.00

**Course Description:** Through classroom and/or shop/lab learning and assessment activities, students in this course will: explain gas metal arc welding process (GMAW); demonstrate the safe and correct set up of the GMAW workstation.; correlate GMAW electrode classifications with base metals and joint criteria; demonstrate proper electrode selection and use based on metal types and thicknesses; build pads of weld beads with selected electrodes in the flat position; build pads of weld beads with selected electrodes in the horizontal position; produce basic GMAW welds on selected weld joints; and conduct visual inspection of GMAW welds.

**WHEN** Start Date: 08/19/2026 End Date: 10/07/2026

**Days:**

MWF

7:00 AM - 11:30 AM

Campus: Main Campus

Building: Ade-Wifco

Room: AW107

### **INSTRUCTOR**

COURTNEY CAUBLE

### **BOOKS**

Title: WELDING TOOL KIT

Author: HUTCHCC

Required: Yes

Title: GMAW/FCAW HANDBOOK 2ND Edition

Author: MINNICK

Required: Yes