

## Gas Metal Arc Welding - WE110

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**Section:** WE110 003252S Newton

**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.

**Section Notes:** Meets daily through 1/23/26 then meets on M,W,F only until 4/2/26.

**WHEN** Start Date: 01/06/2026 End Date: 04/02/2026

**Days:**

MTWRF

12:20 PM - 3:15 PM

Campus: Newton

Building: Newton Brooks Trade Center

Room: NWB111

**INSTRUCTOR**

MICHAEL DANIEL

**BOOKS**

Title: GMAW/FCAW HANDBOOK 2ND Edition

Author: MINNICK

Required: No