

## Gas Metal Arc Welding - WE110

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**Section:** WE110 001242S Hillsboro

**Section Type:** Lecture

**Credit Hours:** 3.00

**Course Description:** Through classroom and lab/shop activities; safe and correct set up of the GMAW workstation; correlation of GMAW and other similar wire based electrode classifications with base metals and joint criteria; proper electrode selection and use based on metal thickness; weld with .035 and .045 diameter electrodes using short circuit and spray transfer methods on various weld joints in the flat (1F & 1G), and horizontal (2F & 2G) positions to meet requirements of the latest version of the American Welding Society D1.1/D1.1M:20XX Structural Welding Code-Steel.

**WHEN**

Days: MTWR

Times: 07:00 AM - 10:00 AM

Start Date: 01/07/2025

End Date: 05/21/2025

**WHERE**

Campus: Hillsboro

Building: Hillsboro Welding

Room: HB001

**INSTRUCTOR**

JOSH LEWIS

**BOOKS**

Title: WELDING TOOL KIT

Author: HUTCHCC

Required: Yes

Title: GMAW/FCAW HANDBOOK 2ND Edition

Author: MINNICK

Required: Yes