

## Gas Tungsten Arc Welding - WE112

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**Section:** WE112 002242S Hillsboro

**Section Type:** Lecture

**Credit Hours:** 3.00

**Course Description:** Through classroom and lab/shop activities; theory associated with the handling, preparation and process for common production base metals, GTAW electrode and filler metal classifications relative to base metals and joint criteria; proper electrode and filler metal selection and use based on metal types and thicknesses; safe and correct set up of the GTAW workstation; welding on carbon steel, aluminum and stainless steel base metals covering various weld joints in the flat (1F & 1G) and horizontal (2F & 2G).

**WHEN**

Days: TWRF

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: GAS TUNGSTEN ARC WELDING HANDBOOK 7TH Edition

Author: MINNICK AND PROSSER

Required: Yes