## Gas Tungsten Arc Welding - WE112

---

**Section:** WE112 001261S Main Campus
**Credit Hours:** 3.00
**Course Description:** Through classroom and/or lab/shop learning and assessment activities, students in this course will: explain the gas tungsten arc welding process (GTAW); demonstrate the safe and correct set up of the GTAW workstation; relate GTAW electrode and filler metal classifications with base metals and joint criteria; build proper electrode and filler metal selection and use based on metal types and thicknesses; build pads of weld beads with selected electrodes and filler material in the flat position; build pads of weld beads with selected electrodes and filler material in the horizontal position; perform basic GTAW welds on selected weld joints; and perform visual inspection of GTAW welds.
**WHEN** Start Date: 11/09/2026 End Date: 12/09/2026
**Days:**
MTWRF
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: GAS TUNGSTEN ARC WELDING HANDBOOK 7TH Edition
Author: MINNICK AND PROSSER
Required: Yes