

Gas Tungsten Arc Welding - WE112

Section: WE112 001251S Main Campus

Section Type: Lecture

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

Days: MTWRF

Times: 07:00 AM - 11:30 AM

Start Date: 11/10/2025

End Date: 12/10/2025

WHERE

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