

## Gas Tungsten Arc Welding - WE112

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**Section:** WE112 008242S McPherson

**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.

**Section Notes:** McP. HS students only. Meeting May 6th & 8th during regular scheduled time. - May 19th -June 6th meeting 8:00 am - 4:00 pm.

**WHEN**

Days: MTWRF

Times: 08:00 AM - 04:00 PM

Start Date: 05/06/2025

End Date: 06/06/2025

**WHERE**

Campus: McPherson

Building: McPherson High School

Room: MHS83

**INSTRUCTOR**

DAKOTA SMITH

**BOOKS**

Title: GAS TUNGSTEN ARC WELDING HANDBOOK 7TH Edition

Author: MINNICK AND PROSSER

Required: No