

## Shielded Metal Arc Welding - WE104

---

**Section:** WE104 002251S 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: describe the Shielded Metal Arc Welding process (SMAW); demonstrate the safe and correct set up of the SMAW workstation; associate SMAW electrode classifications with base metals and joint criteria; demonstrate proper electrode selection and use based on metal types and thicknesses; build pads of weld beads with selected electrodes in the flat position; build pads of weld beads with selected electrodes in the horizontal position; perform basic SMAW welds on selected weld joints; and perform visual inspection of welds.

**Section Notes:** ALSO meets Mondays & Thursdays from Dec 4 - 18, McPherson High School Students only, no books required.

**WHEN** Start Date: 08/29/2025 End Date: 12/19/2025

**Days:**

TF

12:28 PM - 3:10 PM

Campus: McPherson

Building: McPherson High School

Room: MHS01

### **INSTRUCTOR**

DAKOTA SMITH

### **BOOKS**

Title: SHIELDED METAL ARC WELDING 10TH Edition

Author: WALKER

Required: No