

Shielded Metal Arc Welding - WE104

Section: WE104 002261S McPherson

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 3 - Dec 17, McPherson High School students only. No books required.

WHEN Start Date: 08/28/2026 End Date: 12/18/2026

Days:

TF

12:29 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