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