Shielded Metal Arc Welding - WE104

Section: WE104 006261S Hillsboro
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: Course runs WED/FRI from 08/26/2026 - 11/20/2026; then will run, MON/WED/THURS/FRI from 11/30/2026 - 12/18/2026 = 37 days of class and 92.5 contact hours
WHEN Start Date: 08/26/2026 End Date: 12/18/2026
Days:
WF
7:00 AM - 9:30 AM
Campus: Hillsboro
Building: Hillsboro Welding
Room: HB001

INSTRUCTOR
JOSH LEWIS
BOOKS
Title: SHIELDED METAL ARC WELDING 10TH Edition
Author: WALKER
Required: No