Shielded Metal Arc Welding - WE104

Section: WE104 001261S Newton
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: Class meets daily from 9/28-10/23. Class meets on MWF only from 10/26-12/16.
WHEN Start Date: 09/28/2026 End Date: 12/16/2026
Days:
MTWRF
8:00 AM - 10:55 AM
Campus: Newton
Building: Newton Brooks Trade Center
Room: NWB111

INSTRUCTOR
MICHAEL DANIEL
BOOKS
Title: SHIELDED METAL ARC WELDING 10TH Edition
Author: WALKER
Required: No