

Shielded Metal Arc Welding - WE104

Section: WE104 005261S Main Campus

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.

WHEN Start Date: 10/08/2026 End Date: 11/05/2026

Days:

MTWRF

7:00 AM - 11:30 AM

Campus: Main Campus

Building: Ade-Wifco

Room: AW107

INSTRUCTOR

COURTNEY CAUBLE

BOOKS

Title: WELDING TOOL KIT

Author: HUTCHCC

Required: Yes

Title: SHIELDED METAL ARC WELDING 10TH Edition

Author: WALKER

Required: Yes