

## Shielded Metal Arc Welding - WE104

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**Section:** WE104 008251S 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: 08/14/2025 End Date: 09/25/2025

**Days:**

MTWRF

12:50 PM - 3:50 PM

Campus: Main Campus

Building: Hutchinson Career & Tech Ed

Room: HCT110

**INSTRUCTOR**

JEREMIAH HARMON

**BOOKS**

No textbooks for this course.