

## Flux Cored Arc Welding - WE116

---

**Section:** WE116 003242S Main Campus

**Section Type:** Lecture

**Credit Hours:** 2.00

**Course Description:** Through classroom and lab/shop activities; FCAW safety, electrode classifications; proper electrode selection and use based on metal types, thicknesses, weld positions, and multi-pass vs single pass weld requirements; safe set up of FCAW workstation, welding with self-shielded and gas-shielded .045 or larger electrode diameters; in the horizontal (2F & 2G) vertical (3F & 3G) and overhead (4F & 4G) positions to meet requirements of the latest version of the American Welding Society D1.1/D1.1M:20XX Structural Welding Code-Steel.

**Section Notes:** Hutchinson High School Students Only.

**WHEN**

Days: MTWRF

Times: 12:50 PM - 03:50 PM

Start Date: 01/07/2025

End Date: 05/22/2025

**WHERE**

Campus: Main Campus

Building: Hutchinson Career & Tech Ed

Room: HCT110

**INSTRUCTOR**

JEREMIAH HARMON

**BOOKS**

Title: GMAW/FCAW HANDBOOK 2ND Edition

Author: MINNICK

Required: No