

## Flux Cored Arc Welding - WE116

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**Section:** WE116 002242S Hillsboro

**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.

### **WHEN**

Days: MTWR

Times: 12:10 PM - 03:10 PM

Start Date: 01/07/2025

End Date: 05/06/2025

### **WHERE**

Campus: Hillsboro

Building: Hillsboro Welding

Room: HB001

### **INSTRUCTOR**

JOSH LEWIS

### **BOOKS**

Title: WELDING TOOL KIT

Author: HUTCHCC

Required: Yes

Title: GMAW/FCAW HANDBOOK 2ND Edition

Author: MINNICK

Required: Yes