

## Flux Cored Arc Welding - WE116

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**Section:** WE116 003232S Newton

**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:** Newton HS Only. Rosters with exact time managed by the instructor.

### **WHEN**

Days: MTWRF

Times: Arranged

Start Date: 01/22/2024

End Date: 05/23/2024

### **WHERE**

Campus: Newton

Building: Newton Brooks Trade Center

Room: NWB111

### **INSTRUCTOR**

MICHAEL MCCONNELL

### **BOOKS**

Title: GMAW/FCAW HANDBOOK

Author: WILLIAM H. MINNICK A

Required: No