

## Gas Tungsten Arc Welding - WE112

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**Section:** WE112 004232S Main Campus

**Section Type:** Lecture

**Credit Hours:** 3.00

**Course Description:** Through classroom and lab/shop activities; theory associated with the handling, preparation and process for common production base metals, GTAW electrode and filler metal classifications relative to base metals and joint criteria; proper electrode and filler metal selection and use based on metal types and thicknesses; safe and correct set up of the GTAW workstation; welding on carbon steel, aluminum and stainless steel base metals covering various weld joints in the flat (1F & 1G) and horizontal (2F & 2G).

**Section Notes:** Hutchinson High School Students Only. Part of morning block that runs from 8:00-10:48am with WE102 004232s.

### **WHEN**

Days: MTWRF

Times: Arranged

Start Date: 01/08/2024

End Date: 05/17/2024

### **WHERE**

Campus: Main Campus

Building: Hutchinson Career & Tech Ed

Room: HCT110

### **INSTRUCTOR**

JEREMIAH HARMON

### **BOOKS**

Title: GAS TUNGSTEN ARC WELDING HANDBOOK 7TH Edition

Author: MINNICK AND PROSSER

Required: No