

# Gas Tungsten Arc Welding - WE112

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**Section:** WE112 001242S Newton

**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:** NHS merged. NHS "Second year" BROOKS TRADE CENTER - book provided by HS

## **WHEN**

Days: MTWRF

Times: 08:00 AM - 11:30 AM

Start Date: 01/07/2025

End Date: 05/09/2025

## **WHERE**

Campus: Newton

Building: Newton Brooks Trade Center

Room: NWB100

## **INSTRUCTOR**

GENERAL STAFF

## **BOOKS**

Title: GAS TUNGSTEN ARC WELDING HANDBOOK 7TH Edition

Author: MINNICK AND PROSSER

Required: No