

# WDT 259: GTAW Groove Lab

This course provides students with skills needed to perform gas tungsten arc welds using ferrous metals according to applicable welding codes. Topics include safe operating practices, equipment identification and set-up, correct selection of tungsten type, polarity, shielding gas and filler metals. Upon completion, a student should be able to identify safe operating practices, equipment identification and set-up, correct selection of tungsten type, polarity, shielding gas, filler metals and various welds on ferrous and/or non-ferrous metals, using the gas tungsten arc welding process according to applicable welding codes.

**Credits:** 3

**Transfer Code:** Code C

**Lab Hours:** 6

**Lecture Hours:** 0

**Program:** **Welding**

**Semester Offered:**

Fall

Spring

Summer