

# WDT 162: Consumable Welding Applications

This course provides instruction and demonstration with consumable welding processes for ferrous and non-ferrous materials to produce groove and fillet welds in various positions, according to applicable welding codes. Topics may include safe operating practices for pulse and tubular applications, equipment identification, equipment set-up, correct selection of electrodes, current/polarity, shielding gas and base metals.

**Credits:** 3

**Transfer Code:** Code C

**Lab Hours:** 4

**Lecture Hours:** 1

**Program:** [Welding/Robotic Welding](#)

**Semester Offered:**

Fall

Spring

Summer