

WDT 163: Consumable Welding Applications Lab

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. Upon completion, the student should be able to produce groove and fillet welds using consumable welding processes according to AWS Codes and standards.

Credits: 3

Transfer Code: Code C

Lab Hours: 6

Lecture Hours: 0

Prerequisites:

WDT 162 and/or as required by college

Program: [Welding](#)

Semester Offered:

Spring

Summer

Fall