

# WDT 275: Robotic Welding II

This course is designed to teach students how to MIG weld using a robot weld cell and includes extensive hands-on training. Topics include robot programming and the interrelationship with welding principles, programmed safety precautions utilized in robotic welding, robotic weld controls systems, troubleshooting, and utilization of multi-functional teach pendants. Upon completion, students will be able to operate MIG welding industrial robots and understand the interaction between robots and MIG welding technology.

**Credits:** 3

**Transfer Code:** Code C

**Lab Hours:** 4

**Lecture Hours:** 1

**Prerequisites:**

As required by college.

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

**Semester Offered:**

Fall

Spring

Summer