

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](#)

Semester Offered:

Fall

Spring

Summer