

## Industrial Robotic Welding - WE118

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**Section:** WE118 005242S Newton

**Section Type:** Lecture

**Credit Hours:** 2.00

**Course Description:** Through classroom and lab/shop activities; programming an industrial style welding robot using the Gas Metal Arc Welding process on selected weld joints and shapes within the robot work cell; operation and use of robot through use of teach pendant and automatic operation, safe jogging and movement of robot, correct set up of robotic welding workstation; application of robotic motion types, robotic program development, saving and backing up robot and controller files.

**Section Notes:** NHS merged. NHS "Second year" BROOKS TRADE CENTER

### **WHEN**

Days: MTWRF

Times: 08:00 AM - 11:30 AM

Start Date: 01/07/2025

End Date: 05/15/2025

### **WHERE**

Campus: Newton

Building: Newton Brooks Trade Center

Room: NWB105

### **INSTRUCTOR**

GENERAL STAFF

### **BOOKS**

No textbooks for this course.