

WDT 276: Robotic Welding III

This course focuses on advanced robotic weld topics used in industry. Students will learn and implement task associated with: creating multiple weld procedures; adjusting procedures for various materials; modifying procedures for increased cycle time; creating quality welds using various modes of metal transfer; fixture setup and modification; Hardware/Software fault recovery; visual weld inspection; destructive testing procedures. Students will also gain a thorough knowledge of AWS D16.4 AWS QC19 specifications.

Credits: 3

Transfer Code: Code C

Lab Hours: 4

Lecture Hours: 1

Program: Welding

Semester Offered:

Fall

Spring

Summer