Certificate of Achievement: Robotic Welding Automation

The Welding Technology Certificate of Achievement in Robotic Welding Automation provides training to gain the technical and applied skills required to perform advanced programming and operational tasks as per the American Welding Society standards and specifications for robotic welding.

Certificate Student Learning Outcome:

Students will be to:

-Analyze the theory and skills necessary for performing advanced programming and operational tasks as per AWS Robotic Arc Welding standards.

-Safely operate common robotic welding automation systems while performing advanced programming and welding functions.

Program Requirements:

Units Required: 19.5

		Units:
WELD-114A	Introduction to Robotic Welding Automation	2.5
WELD-114B	Intermediate Robotic Welding Automation	2.5
WELD-114C	Advanced Robotic Welding Automation	2.5

Required Electives:

WELD-130	Welding Metallurgy	3.0
WELD-131	Non-Destructive Testing	3.0
WELD-132	Blueprint Reading for Welders and Fabricators	3.0
WELD-133	Welding Inspection	3.0