

PROGRAM OF STUDY

Robotic Welding Automation Certificate of Specialization

The Welding Technology Certificate of Specialization 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.

Student Learning Outcome:

- Safely operate common robotic welding automation systems while performing advanced programming and welding functions.
- Analyze the theory and skills necessary for performing advanced programming and operational tasks as per AWS Robotic Arc Welding standards.

Program Requirements:

		Units
WELD 114A	Introduction to Robotic Welding Automation	2.5 - 0
WELD 114B	Intermediate Robotic Welding Automation	2.5 - 0
WELD 114C	Advanced Robotic Welding Automation	2.5 - 0

Required Electives:

		Units
WELD 080	Non-Destructive Testing	3 - 0
WELD 130	Welding Metallurgy	3 - 0
WELD 132	Blueprint Reading for Welders and Fabricators	3 - 0

Total Units

16.5

PID 261