ROBOTIC WELDING AUTOMATION - CERTIFICATE OF ACHIEVEMENT

Plan Code: 3990

This program 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. The program prepares students for jobs in industry including but not limited to Computer-Controlled Machine Tool Operators for Metal and Plastic and Computer Numerically Controlled Machine Tool Programmers for Metal and Plastic.

Program Student Learning Outcomes

- Demonstrate the ability to program an automated robotic welding system.

Program Requirements

Code Number	Course Title	Units
REQUIRED COURSES		
MTFAB 50	Introduction to Metalworking	4
MTFAB 260	Blueprint Reading for Metal Fabrication	3
MTFAB 270	Metallurgy	2.5
MTFAB 280	Introduction to Robotic Welding	2.5
MTFAB 281	Advanced Robotic Welding	2.5
WELD 50	Introduction to Welding	3.5
Total Units		**18**