

Advanced Robotic Programming

Course Duration

The duration is 3 days
Frequency of course offering 4 times per year

Course Description

A 3-day training program covering advanced tasks and procedures that an operator, technician, engineer or programmer needs to maximize productivity and quality with a Lincoln /Fanuc-RJ-Series Robotic Welding System. Class size is limited to 12 participants.

Course Prerequisites

The person attending must have completed the Lincoln Automation Basic Robotic Programming Course.

Course Objectives

- Edit programs while another is running.
- Make temporary adjustments to weld points to compensate for batch runs.
- Make On-The-Fly changes to weld procedures.
- Copy / Shift programs to new locations to reduce programming time.
- Add explanatory text to programs including Custom alarm messages.
- Full controller memory backup and restore.
- Use tool offset utility to minimize programming when changing to new style of torch.
- Use Find, Replace, Copy and Paste commands.
- Setup the Reference Position Utility to establish a safe position for the robot.
- Change weld procedures in the middle of weld.
- Monitor weld command and feedback signals.
- Use Test Cycle to speed up the programming testing process.
- Use logic instructions to simplify programming of parts with multiple, similar weld joints.
- Setup/incorporate a User Frame into programming.
- PNS (Program Number Select) and RSR (Robot Service Request) execution.
- Fast Start.



Course Fee:
\$2,500.00

2010 Course Dates:
Feb 1 - 3
May 3 - 5
Sept 20 - 22
Nov 8 - 10

Any Questions?

Contact our Automation Service School Coordinator at: (888) 935-3878

