

BASIC ROBOTIC PROGRAMMING COURSE

Held in Cleveland, OH

The course covers intermediate tasks and procedures that an operator, technician, engineer or programmer needs to take full advantage of the multiple capabilities of a Lincoln Electric Robotic Welding system with a FANUC® robot arm.

Course Overview:

Students successfully completing this course will be able to:

- Power on and jog the robot
- Identify and understand all keys on teach pendant
- Learn how to Edit and Modify an existing program
- How to insert and delete lines in a program
- Teach a 6 point TCP for the robot
- Make and understand a simple program
- Learn when to use L or J motions
- Program circles
- Set up weld schedules and Direct entry methods for welding
- Use Wait and Timer instructions
- Full controller memory backup and restore
- Make a TM Check program to verify torch repeatability
- Check robot Zero positions
- Understand how to use Coordinated Motion
- Learn how to program the robot to weave when welding
- Understanding RSR logic instructions

Course Length:

This course will be a 5 day training class. Class size is limited to 15 people.

Prerequisites:

No Prerequisites for this class