



# Introduction to Fanuc Robot

**Start Date: 10/5/2018 8:00 AM**

**End Date: 10/26/2018 4:00 PM**

NOTE: THIS CLASS WILL MEET ON FOUR CONSECUTIVE FRIDAYS IN OCTOBER. CLASS DATES ARE 10/5, 10/12, 10/19 and 10/26.

At the end of this course, the student should be able to:

- Understand Fanuc robot programs and configuration.
- Become capable of writing basic to intermediate robot programs.

- Safety
- Robot System
- Power Up and Jog
- Setting up axis limits
- Setting up USER frames
- Setting up Tool Center Points
- Creating a basic program
- They will create a routine that uses circle points
- Students will learn to manipulate their routines and points
- I/O Devices
- Students will learn un-conditional branching statements
- Conditional WAIT, IF/SELECT, or IF/THEN Statements
- Registers
- Advanced Program Structure
- MACRO instructions
- Miscellaneous Instructions
- File Management
- System Variables
- Mastering and Calibration

Lunch is included

## Location(s)

Gadsden ATN Center  
401 Korner St  
Gadsden  
Alabama  
35903  
United States