



# Introduction to Fanuc Robot

**Start Date: 8/7/2017 8:00 AM**

**End Date: 8/10/2017 4:00 PM**

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)

Trenholm State Patterson

Campus

3920 Troy Hwy

Montgomery

Alabama

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