LAB 8 - FANUC ROBOT 2

ITEMS NEEDED

1. Fanuc Robot
2. Robot software
3. Fanuc Robot Handout (50 student-hours per Joe Ray, or 10 wks)

INTRO

Robots are often programmed to perform a set of movements (assembly, welding, packaging, etc.). Here students will learn to program the Fanuc to perform a simple sequence of movements. Movements are generally programmed by jogging the robot to a position and "teaching" that point. Then the robot is programmed through a sequence of these taught points.

Finally, students will program the robot program to LOOP through a set of code.

REFER to the FANUC HANDOUT by CT.

8.1 Exercises

Students will perform a set of BASIC tasks as outlined below.

1. Create a program
2. Rectangle movement - program the robot to move in a rectangle
3. Loops - get the robot to repeat the movement
4. Save and open the program