

# US381-IRB 6400R

## Mechanical Maintenance



The course goal is to teach students how to properly disassemble and reassemble the mechanical unit. It will also teach proper preventive maintenance procedures.

**Course Duration:** 3 days

### **Topics Include:**

- Proper safety precautions used while performing mechanical repair
- Operation of robot control and mechanical unit
- Description and operation of mechanical components
- How to use manual for repair and ordering of spare parts

### **Course Objectives**

*After successfully completing the course, the participant should be able to:*

- Practice safety precautions used while doing mechanical repair
- Properly start-up, operate, and shutdown the robot
- Describe the operation of mechanical components
- Disassemble and reassemble mechanical unit
- Use the manual for repair and ordering of spare parts
- Perform preventive maintenance procedures on the robot

### **Student Profile**

- Industrial personnel required to mechanically repair the robots and to perform regular preventive maintenance

### **Prerequisites**

- Mechanical background or experience is helpful