

# US377 IRB 2400 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.



## Topics include

- Proper safety precautions used while performing mechanical repair
- Operation of robot 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, manually 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
- Describe preventive maintenance procedures on the robot
- Calibrate robot with digital level

## Student profile

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

## Prerequisites

- Mechanical background or experience is helpful

## Duration

The course duration is 2.5 days.

## Customer Service – Robotics

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