

Mechanical Maintenance (Paint Robots)

IRB 52 – 2½ days – Course Code: US390

IRB 580 – 3 days – Course Code: US387

IRB 5400 – 3 days – Course Code: US379

IRB 5500 – 3 days – Course Code: US385

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 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:

- Perform 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
- Describe preventive maintenance procedures on the robot
- Calibrate robot

Student profile

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

Prerequisites

- Mechanical background or experience is helpful

Customer Service – Robotics

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