

US321-S3 Programming Refresher



The course goal is to re-familiarize students with the procedures to operate and program the robot using the teach pendant.

Course Duration: 2 days

Topics Include:

- Operating controls and indicators on the robot controller
- Safety precautions used while programming and program execution
- Selecting proper menus from the program unit for programming and program execution
- Positioning the robot by use of joystick control
- Program creation procedures
- Program modification techniques

Course Objectives

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

- Understand basic robot safety principles
- Run robot system in both manual and automatic modes
- Understand programming structure and language
- Verify robot sync position and correct if wrong
- Program unit operation
- Modify programs including:
 - ⇒ Insert position and command instructions
 - ⇒ Modify positions
 - ⇒ Hot edit current positions
 - ⇒ Transfer programs to and from disk
 - ⇒ Interpret system diagnostic messages
 - ⇒ Clear minor operation faults

Student Profile

- Engineers
- Service personnel
- Machine operators
- Supervisory personnel

Prerequisites

- Each student is required to have attended and completed a previous S3 programming course