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