

US323-C5.3 Programming Refresher



This course is based on our comprehensive C5.3 Programming course (US315) but shortened to the main critical areas and designed to re-familiarize students with key procedures to operate and program the robot using the teach pendant.

Course Duration: 2 days

Topics Include:

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

Course Objectives

After successfully completing the course, the participant with the aid of the course materials and manuals, should be able to:

- Correctly practice all areas of safety as they pertain to the robot operation
- Accurately identify the principal components of the robot system
- Demonstrate proper startup, operation and shutdown of the robot system
- Interrupt a program during operation
- Create programs using the programming unit
- Edit program data such as position, velocity, acceleration, gun triggering and brush functions
- Edit programs using terminal operation
- Correctly respond to various types of error codes
- Create basic programs using object synchronization

Student Profile

This course is intended for students that are required to start and operate the robot, create programs, and edit programs.

- Engineers
- Service personnel
- Supervisory personnel
- System integrators

Prerequisites

- The student should have successfully completed the full C5.3 Programming course US315