Course description

IN-RB09
Robot Studio Operational Training

Course goal
The goal of the course is to improve the ability of run the Robot cell, Program Modification and responsible for engineering, commissioning, operation and Maintenance of Robotics for Automation. Able to run the Robot cell, Program Modification, New Programming, improvement in Welding Quality, General Troubleshooting.

Learning objectives
Upon completion of this course, students will be able to:
- understand the Simulation Software
- Robot Studio
- Understand the critical elements Programming
- Creating Offline Programming
- Describe and create a basic 3D robot station
- Programming the basic robot station and simulation

Participant profile
Personnel from Plant Engineering
Robot Operator

Prerequisites
Degree or diploma in engineering, basic knowledge of Automation Product, Programming Concept and familiar with Automation

Topics
- Robot Studio Introduction
- Fundamental of Robot Studio Software
- Procedure for installation of Robot Studio Software
- License management
- Robot Studio overview.
- Function of menu
- Creating a basic station.
- hand-on exercise
- Programming a basic station
- Creating path and synchronize with virtual Controller

Topics
- Adding components
- Simulation of Robot Station
- □ Play the Station
- □ Video Recording for reference
- Course Ware
- Base Frame ,User Fram
- System Builder
- Robot Options adding
- Mechanical Manager
- Simulation Setup
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- Importing Data
- RAPID Editor
- Setting of Process parameter
- Program Example
- Question & Answer, Summarizing

Course type and methods

This is an instructor led seminar with practical exercises. The language of the course is English.

Course Duration
The duration of the course is Two days.
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### Course Outline

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