**Course Description**

**R248**

**RobotStudio Palletizing PowerPack Commissioning and Operation**

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**Course goal**

The goal of this course is to learn to commission and operate a palletizing robot system based on design and configuration with Palletizing PowerPac.

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**Learning objectives**

Upon completion of this course, the participants will be able to:

- How to commission a palletizing robot application using Palletizing PowerPac
- How to interact between the PLC and the robot process in a palletizing robot using Palletizing PowerPac
- Runtime operation, tuning and error recovery

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**Participant profile**

This training is targeted to design and commissioning engineers, who develop and customize robot applications for palletizing.

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**Prerequisites**

Students shall know the fundamentals of working with RobotStudio and the IRC5 robot controller, good knowledge of Windows 7 or XP, and basic understanding of packaging applications. It is mandatory to have participated in the R247 Palletizing PowerPac Design & Simulation course. Each student will use their own laptop PC to run the latest version of RobotStudio with Palletizing PowerPac.

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**Topics**

- Course Overview
- Introduction to RS Palletizing PowerPac
- Request and Generation signals
- Project Information
- FlexPendant operator interface
- Project transfer
- Operation control and error handling
- Remote control interface
- Miscellaneous functions

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**Course type and methods**

This is an instructor led course with interactive classroom discussions and associated lab exercises. Approximately 60% of the course is hands-on lab activities.

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**Course duration**

The duration is 3 days.
Course Description

R248
RobotStudio Palletizing PowerPack
Commissioning and Operation

Course outline

Day 1

- Documentation
- Introduction to commissioning with Palletizing PowerPac
- Feeder Signals, Request & Generation
- Project information
- FlexPendant operators interface

Day 2

- Simulation and transfer
- Miscellaneous Functionalities

Day 3

- Miscellaneous Functionalities (cont.)
- Summary and Recap