## R248 RobotStudio Palletizing PowerPack Commissioning and Operation

#### 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.

#### 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

#### **Participant profile**

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

#### 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.



#### 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

#### 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.

#### **Course duration**

The duration is 3 days.



## R248

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### Course outline

Day 1	
	- Documentation
	<ul> <li>Introduction to commissioning with Palletizing PowerPac</li> </ul>
	- Feeder Signals, Request & Generation
	- Project information
	- FlexPendant operators interface
Day 2	
	- Simulation and transfer
	- Miscellaneous Functionalities
Day 3	
	- Miscellaneous Functionalities (cont.)
	- Summary and Recap[semawar1]

