Course Description

Course Duration
The duration is 2.5 days.

Course Type
This is an instructor led course. Approximately 50% of the time is used for hands-on labs and exercises.

Course Goal
The goal of this course is to teach students the basics of IRC5 Controller, how to use the FlexPendant and RobotStudio Online.

Student Profile
This training is targeted to everyone with knowledge from S4 that want to know “How to convert S4 applications to IRC5”.

Prerequisites and Recommendations
Students should have training corresponding to Basic Programming and experience working with S4.

Course Objectives
Upon completion of this course, students will have knowledge about:

- How to use the FlexPendant and RobotStudio Online.
- RAPID programming changes in IRC5
- System parameters in IRC5.
- External interfaces in IRC5.

Main Topics
- Hardware
- Software
- I/O
- FlexPendant
- Programming
- Backup and Restore
## Course Calendar
### R101E IRC5 Upgrade from S4

<table>
<thead>
<tr>
<th>Day 1</th>
<th>Day 2</th>
<th>Day 3</th>
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| • Introduction  
• Presentation of the IRC5 controller  
• Presentation of IRC5 software  
• Exercises | • Programming using the FlexPendant  
• I/O in IRC5  
• Exercises | • Programming  
• Backup and restore  
• Exercises |