

US401 RobotStudio 5 – Advanced

The goal of this course is to extend the students knowledge of ABB RobotStudio 5 software for use with IRC5 controllers. This is not RobotStudio Online.

Topics include

- Creating Track Mechanisms
- Creating Tool Mechanisms
- Creating Extrusions
- Creating Add-ins
- Using RAPID Editor
- Using Data Watch Window
- Creating Station Signals
- Continued use of Event Monitor

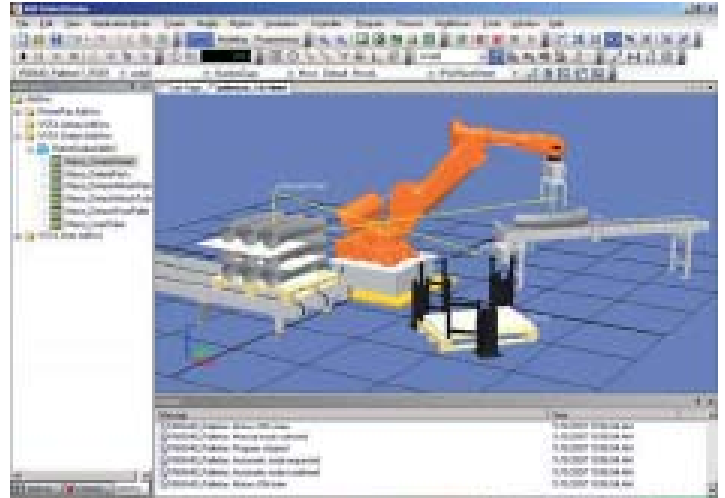
Course objectives

After successfully completing the course, the participant should be able to:

- Create Extruded parts
- Create Track Simulations
- Create Moving Tool Simulations
- Create and use Macros (Short Cuts)
- Create and use Add-ins (Custom Applications)
- Edit RAPID code using RAPID Editor
- Watch data values while simulation executes
- Create and use station signals
- Setup and use Event Manager

Student profile

- This course is intended for engineering personnel that are interested in computer simulation software and that have already attended RobotStudio 5 – Basic.
- This course is intended for those who are responsible for simulating robot layout and reach capabilities and robot program simulation



Prerequisites

- The attendee must have attended the RobotStudio 5 – Basic Course prior to attending the RobotStudio 5 – Advanced Course.
- The attendee must have a good working understanding of the use of Windows
- It is recommended that attendees have attended the IRC5 Basic programming class US420 within the last twelve months, or have good past robot programming experience

Duration

Course duration is 2 days.

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