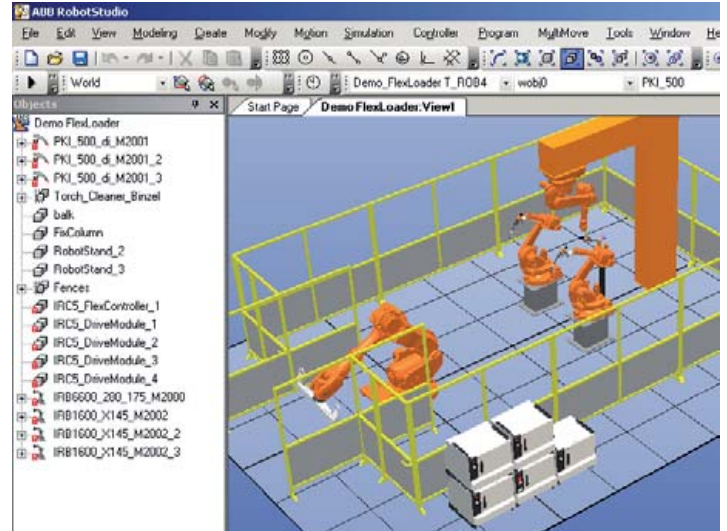


US398 RobotStudio 5 Basic

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



Topics include

- Basic controls
- Building a station
- Creating robot moves
- Creating basic geometry modeling
- Creating robot programs
- Creating work objects
- Set Up Conveyor Tracking
- Set Up Smart Components
- Using I/O simulator
- Use Station Logic
- Using MultiMove feature
- Using external axis
- Loading Geometries

Course objectives

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

- Start and utilize the RobotStudio 5 software
- Create simulation station
- Create and attach tooling to robot simulator
- Create robot motion
- Create robot programs
- Create basic geometry modeling
- Import external graphic files
- Use the I/O simulator
- Create work objects
- Simulate Conveyor Tracking
- Create simulations with part motions

Student profile

- This course is intended for engineering personnel that are interested in computer simulation software
- 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 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 3 days.

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