US401
RobotStudio II

The goal of this course is to teach the students how to use more advanced features of ABB RobotStudio 5 software for use with IRC5 controllers. This course is an extension of the US399 RobotStudio I course.

Topics include:

- Smart Components
- Multi Move
- Conveyor Tracking
- Screen Maker
- Graphic Tools
- Advanced Modeling
- Mechanisms

- Non-ABB external axis
- System Builder
- Code Snippets
- Rapid Profiler
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Course objectives: After successfully completing the course, the participant should be able to:

- Create simulations with interactive objects such as conveyors, in-feeders, grippers, and more.
- Create simulations and program multiple robot applications.
- Setup and program conveyor tracking
- Use graphic tools to change lighting, textures, and the look of objects.
- Create complex 3 dimensional objects
- Create objects that move in simulations other than robots.
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- Create external axis that are not standard ABB axes.
- Use System Builder to create virtual robot systems.
- Advanced RAPID Editing techniques

Student profile: This course is intended for

- Engineers
- Maintenance technicians
- Robot Programmers

Prerequisites:

Must have completed one of the following courses before attending:

- o US399 RobotStudio
- o US402 RobotStudio with Paint PowerPac
- o US404 RobotStudio with Cutware PowerPac
- o US405 RobotStudio with ArcWare PowerPac
- o US406 RobotStudio with Palletizing PowerPac

Duration: 4½ days