Course Description

Course Duration
The duration is 3 days.

Course Type
This is an instructor led course. Approximately 75% of the time is used for hands-on labs and exercises.

Course Goal
The goal of this course is to teach students the fundamentals of the functionality in RobotStudio 5.XX.

Student Profile
This training is targeted to new RobotStudio 5.XX users.

Prerequisites and Recommendations
Required knowledge:
- Experience with the Windows XP environment
- RAPID programming
- Basic CAD

Main Topics
- Learning the basics:
  - RobotStudio overview
  - Creating a basic station
  - Import CAD files
  - Programming a basic station
  - Export RAPID program
- Programming motions:
  - Creating targets and paths from geometries in the station
  - Adjusting targets, instructions and paths
- Programming with I/O signals:
  - Simulating I/O signals
  - Using events in simulations
  - Create and configure signals
- Programming MultiMove:
  - Programming MultiMove systems
  - Changing the MultiMove motion behavior
  - Setting up a MultiMove station
- Using external axis
  - Using positioners
  - Using tracks