UK R5591
RobotStudio 5
Offline Programming Stage 1

Course Outline
Duration 3 days
Beneficial to Programmers / integrators who require the fundamental knowledge of working with RobotStudio.
Students must have experience with Microsoft Windows and completion of IRC5 Programming and Operation course.

Subject areas

Introduction to product
Online / Offline functionality
RobotWare
Navigating the graphics window
Views, Tabs, Ribbons

Prepare a basic station
Creating a basic station
Attaching tools to robot arm
Importing and positioning solid geometry
Methods of Jogging the robot

Offline programming
Creating a Workobject
Create tools and data from models
Create targets and paths from geometries
Adjusting targets orientation
Programming motions
Setting robot axis configuration
Simulating the robot program

Signal Analyser
Setting up the signal Analyser for performance tuning

Modelling
Create solid objects
Cut, join, intersect extrude

Transfer
Create a connection between virtual and real robot
Compare programs and data's
Transfer RAPID

Objectives
On completion, participants will be able to perform:

☑ Basic offline programming
☑ Create a RobotStudio Simulation