

Expert programming course description

Course Description



Course Duration

The duration is 4 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 more advanced functionality of RAPID programming language.

Student Profile

This training is targeted to robot programmers and service engineers that need to modify or create robot programs, using the more advanced features of RAPID.

Prerequisites and Recommendations

Basic RAPID knowledge.

Recommended course IRC5 or S4 Basic programming course

Course Objectives

Upon completion of this course, the students will be able to:-

Use advanced features of RAPID

See “Expert Programming” outcome for further details.

Main Topics

- Robot programming
- Structured programming
- Robot Studio Online
- System configuration
- Define and use coordinate systems
- Communication with operator
- Define and use work objects/tools
- Define and use Interrupts
- Define and use multitasking
- Define and use event routines
- Define and use error handlers
- Define and use searching

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