FANUC ACADEMY

ADVANCED COURSE (STANDARD ROBOT ENGLISH)

TARGET GROUP

• Programmer

PRIOR KNOWLEDGE

BASIC COURSE (STANDARD ROBOT)

DURATION

4,5 days

NUMBER OF PARTICIPANTS 6-8

DESCRIPTION

Industrial robots are standard equipment in industry today. In order to be able to programme these high-end products professionally, we offer the HandlingTool advanced course. Learn in-depth programming skills and load capacity determination using the pendulum function. Programme the robot with additional movements. Create background programmes, protect the robot or a machine via workspace monitoring. Set global points using position registers (e.g. palletisation). Configure your inputs and outputs yourself, transfer parameters to programmes. Connect your PC / laptop to the robot for more convenient programming. Protect your system using the password function. With this course, your employee will be your own in-house robot professional.

Goles

• in-depth programming with standard commands and additional movements as well as background programmes in the HandlingTool area.

TOPICS

• Setting the tool and user coordinates
• Creating programme names and Editing the programme header
• Creating and setting up TPE programmes
• Moving instructions
• Creating standard commands and macros
• Testing TPE programmes in T1 and T2 mode
• UOP interface for connection to the PLC
• Starting programmes in automatic mode
• Programme-related troubleshooting
• Palletising with position registers
• Offset and tool offset instructions
• Arguments, background logic
• Complete data backup
• Common software options