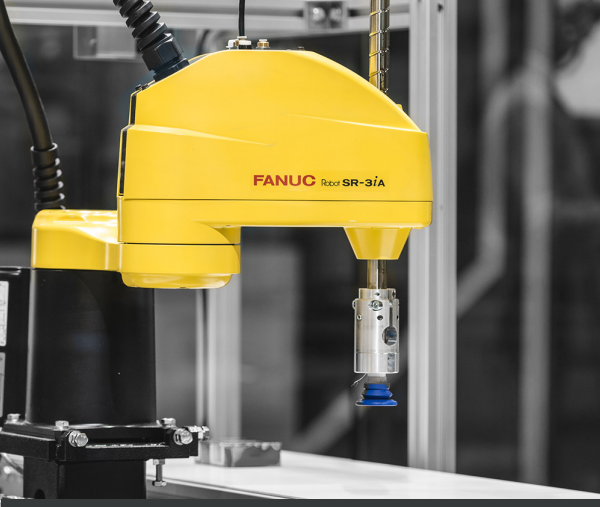


# SCARA HANDLING TOOL - INTEGRATOR

ROBOTS

## DURATION

Five consecutive days of training (total of 35 hours)

## TARGET GROUP

- System Integrators

## PREREQUISITES

Not required.

## PARTICIPANTS

4 Participants / Minimum 3

## CERTIFICATE

If you receive a favourable assessment at the end of the course, you will be issued with a certificate.

## LOCATION

FANUC Benelux BV
Oude Baan 3F – Zone B Rood
2800 Mechelen BELGIE
Tel.: +32 15 78 88 71
Email: training@fanuc.be

## HOTEL

For nearby hotels, visit: this link

## COURSE OBJECTIVES

In this training you will acquire skills in programming using *i*RProgrammer. You will be able to connect the robot to a PC and integrate and program it into your project. The training allows you to modify parameters, create and load a full backup and image yourself. Also covered is the generation of XML files and learning which DCS mode selection is most appropriate for your application.

The course includes presentations on theory, followed by practical hands-on experience with the robot to reinforce what you have learned.

## COURSE CONTENT

- Industrial safety according to EN/ISO
- Moving the robot with different JOG coordinate systems
- Set-up of TOOL and USER coordinates
- Setting axis limits and payload
- Creation and setup of programs using *i*RProgrammer
- Creation of programs and editing of program details
- Implementation of instructions and movement instructions
- Creation of macros
- Testing TPE programs in T1 and T2 mode
- Starting the programs in automatic mode
- Program-specific problem analysis
- Palletising with position register
- Offset and tool offset instructions
- Full data backup
- Operation via XML
- DCS mode selection

## SME PORTFOLIO

FANUC Academy is registered for the SME Portfolio subsidy. If your company fulfils the conditions, the Flemish Government will pay 20% or 30% of the net cost of the training course.

Registration number: DV.0217283
Further information: www.kmo-portefeuille.be or call FANUC Academy: +32 15 78 88 71.