

ROBOT HANDLING TOOL - DIAGNOSTICS

ROBOTS

DURATION

4 consecutive days (total of 28 hours)

TARGET GROUP

- Electrical / Mechatronics Engineers

PREREQUISITES

Basic knowledge of industrial electrical installations is recommended

PARTICIPANTS

6 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

Visit this link for hotel suggestions in the neighborhood

COURSE OBJECTIVES

This course is aimed at Electrical or Mechatronics maintenance Engineers. In addition to presentations and demonstrations, this course offers a series of lab exercises that the student must complete. The lab exercises are directly related to the classroom presentations and are designed to reinforce what the student has learned by gaining real-world experience.

After completing this training, the student will have insight into:
- Programming a FANUC robot
- Identifying robot/control hardware and gaining a basic theoretical understanding of the controls.
- Debugging the robot control system using built-in diagnostics
- Mastering the robot
- Manage I/Os
- FANUC Telephone Support Requirements and Procedures.

COURSE CONTENT

- Industrial safety according to EN / ISO
- Setting TOOL and USER coordinates
- Charging power setting
- Creation and set-up of simple TPE programs
- Movement instructions
- Instructions
- Testing TPE programs in T1 and T2 mode
- Electrical maintenance and troubleshooting
  - Detailed explanation of robot control components and how they work
  - Practical examples of electrical maintenance
  - Exchange of components
  - Practical exercises for troubleshooting the robot controller and robot
- Full data backup
- Escaping from an unsafe DCS zone

SME PORTFOLIO

FANUC Academy is registered for the subsidy of the SME Portfolio. If your company meets the conditions, the Flemish Government pays 20% or 30% of the net amount of the training.

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