



# iRVISION - 2D

## ROBOTS

### DURATION

Two consecutive days of training  
(total of 13 hours)

### TARGET GROUP

- Programmers
- System Integrators
- Machine builders
- Project managers
- Project engineers

### PREREQUISITES

Successful completion of FANUC  
ROBOT HandlingTool - BASIC.

### 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](mailto:training@fanuc.be)

### HOTEL

For nearby hotels, visit:  
<https://www.hotel-mechelen.be/>

### COURSE OBJECTIVES

By the end of the training, you will be able to set up, calibrate and program a FANUC 2D vision system. You will have become familiar with the use of logical instructions and setting vision parameters.

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 the latest EN/ISO standards
- iRVision fundamentals in the 2D environment
- Hardware requirements and installation
- iRVision setup
  - o Camera set-up (stationary or robot-mounted)
  - o Camera calibration
    - > Orthogonal
    - > Perspective
  - o 2 D simple view vision process
    - > Recognition through to picking up part
    - > 1-2 parts
  - o Programming
    - > Vision instructions
    - > Program structure
    - > Testing program routines

### 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](http://www.kmo-portefeuille.be) or call FANUC Academy: +32 15 78 88 71.