

# OFFLINE PROGRAMMING WITH ROBOGUIDE (WeldPRO)

## ROBOTS

### RUNNING TIME

1 day  
9:00-17:00

### COSTS\*

Upon request  
Maximum of 4 people per course  
Lunch is provided

Participants need to have a good understanding of FANUC robots, TPE programming and ROBOGUIDE HandlingPRO software

\* For a scheduled training session, cancellation/postponement must be received by email, at least 14 days prior to the course start date. In case postponement is requested and the course is re-booked +20% of the course fee will be applicable. FANUC Bulgaria reserves the right to cancel, postpone or otherwise delay training.

### COURSE OVERVIEW

FANUC ROBOGUIDE is a robot system animation tool specifically developed for the production and maintenance of robot systems. It can be used both in offices and on the factory floor. This course is designed for developers in order to successfully analyse, simulate, and test applications by offline programming with ROBOGUIDE. WeldPRO is for use in welding specific work cells for setting up welding system and generation of weld paths.

### COURSE OBJECTIVES

Engineers will be able on completion of the course to:

- Install and use the software
- Create programs with the virtual teach pendant
- Build and program a simple cell offline
- Launch simulation to test movements, cycle times, collision detection

### SUBJECTS COVERED

Configuration of the graphic environment:

- Importing of 3D models of the object to be welded
- Importing of 3D models of the environment around the robot
- Movement of the robot into simulator
- Creation of trajectories on the object to be welded
- Creation of TP programs
- Control of any possible collisions
- Modification, where necessary, of the programs