INDUSTRIAL ROBOT PROGRAMMING WITH TEACH PENDANT

ROBOTS

RUNNING TIME

2 days
9:00-17:00

COSTS*

Upon request
Maximum of 4 people per course
Lunch is provided

* 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

The Standard Teach Pendant Programming course covers the tasks and procedures that an operator, technician, engineer, or programmer needs to set up a Teach Pendant program.
In addition to presentations and demonstrations, this course offers a series of lab exercises for the student to complete. Lab exercises relate directly to the classroom presentations and are intended to reinforce what the student has learned through actual hands on experience. Recommended safety procedures are integrated into all training exercises.

COURSE OBJECTIVES

- Know and respect the safety rules
- Be able to safely move the robot in manual mode
- Be able to create a basic program
- Know how to run and / or test a program
- Be able to create and recover backup files

SUBJECTS COVERED

- Overview of the mechanical and control units
- Know and observe the Safety rules
- Work with the Teach Pendant
- Manually move the robot
- Understand main programming instructions
- Description of robot movements
- Use safety signals
- Know and understand robot position information (Cartesian and joint)
- Program movement instructions
- Configure coordinate systems
- Create interference volumes
- Configure the load applied to the wrist
- Carry out data backup and data loading
- Acknowledge and resolve the most common alarms