STANDARD TEACH PENDANT PROGRAMMING

ROBOTS | PROGRAMMING

RUNNING TIME

4 days (spread over 5)
Monday: 13.30 - 16.00
Tuesday: 09.00-16.00
Wednesday: 09.00-16.00
Thursday: 09.00-16.00
Friday: 09.00-12.00

COSTS*

£ 1,850 per person
Lunch is provided on Tuesday,
Wednesday and Thursday

* For a scheduled training session, cancellation/postponement must be received by email, at least 30 days prior to the course start date to avoid a charge of 50% of the course fee. If the cancellation/postponement is received with less than 14 days' notice, 100% of the course fee will be applicable, and the place will be charged for again at full price if re-booked. In addition, FANUC UK reserves the right to cancel, postpone or otherwise delay training.

IMPORTANT NOTES

We would recommend that Operators requiring very basic programming training, and delegates with no previous robot experience, first attend a one day Teach Pendant Operator course, if possible.
Maintenance Engineers may benefit from attending our Electrical Maintenance or Advanced Maintenance (Mechanical) training courses.

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.

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
• Be familiar with FANUC telephone support requirements and procedures

SUBJECTS COVERED

• Safety
• Robot /Controller overview
• Teach Pendant Layout
• Co-ordinate Jogging Systems - joint, jog, world, user, tool.
• Jogging the robot
• Singularity
• Creating basic programs
• Running in Step / T1 / T2 / Auto
• Touch-up function
• Program elements
• Same position I.D. function
• Touch-up function using Same position I.D. function
• Circular motion
• Editing programs - inserting, deleting, copying, pasting etc program Elements - motion type, speed, position, termination
• Labels / Jump Labels
• Timers
• Call instruction
• etc...