

**Robot
Courses**



Operation and Programming - basic

In this course, you will learn how the robot is structured, how to move the robot using different coordinate systems, create and modify programs with both motion and logic, and how to save the system using simple data backups. This is an basic course for robot operators, programmers and maintenance engineers with none or small experience of FANUC robots.

Target group	Robot operators, programmers and maintenance engineers with none or small experience of FANUC robots.
Objectives	After completed course the participant should be able to: <ul style="list-style-type: none">manually move the robot using the Teach Pendant in a safe way.create simple robot programs and run the (both manually and in auto).modify existing programs.show a deepened knowledge of the menus in the Teach Pendant.show a basic knowledge about FANUC robots, controllers and Teach Pendant by utilizing their features.
Course Content	<ul style="list-style-type: none">Safety around the robot and handling the robot in a safe way.General review of the robot and its components.General description of how the robot works and its coordinate system.Review of the Teach Pendant options, possibilities, menus and functions.Basic knowledge of programming.Position storage.Modification of existing positions in a program.Use of different moving functions (axis by axis, linear and circular).How to define and use Tool Frame and User Frame.Practical exercises to enhance understanding.How to store backups and load existing backups.
Pre-requisites	None
Language	Courses are presented in local language when appropriate (Swedish, Danish, Finnish) - otherwise courses are held in English. Course material is in English.
Location	FANUC office in Sweden (Malmö or Sollentuna) or Finland (Vantaa).
Duration and dates	Course duration: 2.5 days. Please check scheduled dates on our website.
Training materials	<ul style="list-style-type: none">Printed training material.Useful PDF manuals.
Additional information	The customer is also expected to arrange their own transport, hotel and evening meals for the duration of their training. Lunch included each full day of the course.

**Book your course through our website: www.fanuc-academy.se
or send your booking request to academy@fanuc.se.**

No discounts or free training places are available unless previously discussed with the customer service manager.