


FA 01

CNC | ROBOTICS | ROBODRILL | ROBOSHOT | ROBOCUT

# FA Foundation

UK-TRN-FA-00001-EN

## DESCRIPTION

This course provides machine tool builders an introduction to the FANUC CNC system and automation controls.

This course will have attendees setting up a FANUC CNC system, programming axis motion in ISO G-Code and using ladder programming for auxiliary functions.

## OBJECTIVES

**At the end of the course participants should be able to:**

- Understand the connection requirements of CNC hardware
- Understand and navigate the Fanuc manuals
- Navigate through Fanuc screens
- Navigate and set parameters required for machine operation
- Program simple logic using Fanuc Ladder
- Use simple G code functions for motion control
- Understand the interaction between PMC and CNC control

## TOPICS COVERED

- A brief introduction to CNCs and FANUC hardware
- Introduction to software tools available and their use.
- Introduction to CNC Guide 2
- CNC screens and functions.
- Introduction to FANUC Ladder programming
- Introduction to FANUC G CODE functions.
- Introduction to My FANUC, manuals and knowledge resources.

## CONTACT

More Information:
academy@fanuc.co.uk

## DURATION

4 days

0900 – 1600

## DIFFICUTY

## COST

£2320 per person

Max 6 participants

## PRE REQUISITES

## NEXT STEPS

FA 02 FA 03