


FA 07

CNC | ROBOTICS | ROBODRILL | ROBOSHOT | ROBOCUT

# ISO G Code Programming Milling

UK-TRN-FA-00007-EN

## DESCRIPTION

This course is designed to teach the fundamentals of G code programming.

The attendees will learn work though slowly building up knowledge from the basis of G code motion to canned cycles, offsets and coordinate transitions. They will be able to test their skills using CNC Guide 2 simulation with both worked examples and exercises.

## OBJECTIVES

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

- Use basic G codes for positional and cutting motion
- Use canned cycles for drilling
- Understand G code structure
- Understand the use of T, M and S codes

## TOPICS COVERED

- Basics of G code G0, G1, G2/3
- Auxiliary codes (M,S and T)
- Canned cycles
- Work offsets
- Tool offsets
- Simulation options
- Sub programs
- Rotary and polar coordinates
- Macros

## CONTACT

More Information:
academy@fanuc.co.uk

## DURATION

3 days

0900 – 1600

## DIFFICUTY

## COST

£1650 per person

Max 6 participants

## RECOMMENDED PRE LEARNING

## NEXT STEPS

FA 04 FA 06