

CNC & Macro's Programming Milling

CNC

DURATION

- 3 consecutive days (total of 21 hours)

TARGET GROUP

- CNC Operators
- CNC Programmers

PREREQUISITES

No prior knowledge required

PARTICIPANTS

6 Participants/ Minimum 3

CERTIFICATE

At the end of the course, you will receive a certificate if the evaluation is positive

LOCATION

FANUC Benelux BV
Oude Baan 3F – Zone B Red
2800 Mechelen BELGIUM
Tel.: +32 15 78 88 71
Email: training@fanuc.be

HOTEL SUGGESTIONS

For hotels nearby, visit this link

COURSE OBJECTIVES

At the end of this course, you will be able to develop, test, and execute your own CNC programs on the machine. You will learn G-code programming specifically for machining centers without any necessary prior knowledge. We gradually build up the knowledge to create a good understanding of the functioning of G-codes in the participant. After the standard motion instructions, we learn to use tool compensations and continue with drilling and tapping cycles. Furthermore, macro programming is covered to build parametric programs.

Every participant has access to a PC for the entire duration of this course.

CONTENT

- Operation of the CNC
- Overview and use of the main screens
- G-codes and standard M-codes
- Use of subprograms
- Setting the workpiece zero point
- Measuring tool offsets
- Radius and length compensation of tools
- Rotation of the workpiece coordinate system
- Drilling and tapping cycles
- Overview of ISO G-code exercises with example programs
- Custom Macro
- Documentation
- Program Transfer Tool

SME PORTFOLIO

FANUC Academy is registered for the SME Portfolio subsidy. If your company fulfills the conditions, the Flemish Government will pay 20% or 30% of the net cost of the training course.

Registration number: DV.0217283
Further information: www.kmo-portefeuille.be or call FANUC Academy: +32 15 78 88 71.