

Programmazione base SINUMERIK 840D (NC-84D-P1)

Short Description

With this course you will have the opportunity to approach the programming of the SINUMERIK 810D, 840D and FM-NC numerical systems for the first time.

Objectives

After attending the course, you can:

- Understand the architecture of a SINUMERIK numerical control
- Handle tools correctly
- Program with FRAMES
- Use the main G functions and the main auxiliary functions

Target Group

Commissioning engineers
Engineering personnel
Service personnel

Content

- Structure of the NC: memories, programs, dynamic behaviors
- Types of operation: automatic, manual, MDA
- Program file organization
- Automatic calculation of tool length and part origin
- Program with FRAMES (zero offset)
- Use of tool offsets
- Basic auxiliary functions M, S, T, D, H
- Main functions G
- Example of part program for lathe and mill
- Examples of graphic simulation of the piece
- Fixed cycles

The theoretical knowledge will be deepened with numerous practical exercises.

Prerequisites

No requirements.

Type

Face-to-face training

Duration

4 days

Language

it