SIEMENS

SINUMERIK 810D/840D Programming (NC-8X0D-PR)

Objectives

In this course, you will learn how to program parts programs with DIN 66025 and selected high-level language commands. You will also learn how to create user programs.
The practical program exercises on our training equipment form an important part of the course. To make the exercises even more practice-oriented, we offer graphical simulation of machinery. This communicates the knowledge even more vividly and increases learning success.
On completion of the course, you will be able to autonomously create parts programs and convert workpiece drawings into a program. The knowledge you gain will enable you to shorten programming times and reduce the engineering overhead.

Target Group

CNC-Programmers

Content

SINUMERIK system overview, configuration variants
Operating modes, operating areas, operator elements
Introduction to operation
File system, editor
Programming with DIN 66 025 and selected high-level language commands
Subroutines
Coordinate systems and FRAME concept
Tool compensations
Variables, arithmetic parameters and system variables
Program jumps and control structures
Macro technology
Parameterization of standard cycles
Creation of user subroutines
Program data backup
Practical program exercises on training models

Prerequisites

Basic knowledge of automatization

Note

Machine-specific functions and special technological functions are not dealt with in this course.

Type

Face-to-face training

Duration

5 days

Language

tr

Fee

1,275 EUR
(price without 20% VAT)