

Programming Basics HMI-Advanced and SINUMERIK 840D and 840D sl (NC-84D-P)

Ziele

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.

Zielgruppe

CNC-Programmers

Inhalte

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

Teilnahmevoraussetzung

Basic knowledge of automatization

Hinweise

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

Typ

Präsenztraining

Dauer

5 Tage

Sprache

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