

SINUMERIK Basics (NC-BASIC-P)

Ksa tanm

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Hedefler

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After completing the course, you will understand the structure and operating principles of a machine tool with CNC control and drives. You will have a solid foundation for successfully applying your knowledge in operation. With a fundamental understanding of the system, you will be able to describe problems on your machine tool in a differentiated way and solve them together with your partners.

The content covered in this course is a prerequisite for attending our advanced SINUMERIK service and commissioning courses.

Participants are recommended to attend the follow-up courses only after 2 to 4 months.

Hedef Kitle

Commissioning engineers

Engineering personnel

Service personnel

Maintenance personnel

Sales personnel for SINUMERIK systems

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Structure and tasks of a CNC control

Components of a machine tool

Operating modes and operator functions

Fundamentals of part programming

Meaning of compensations, parameters, setting data and machine data

Fundamentals of data backup

Introduction to drive and control technology

Methods for the recording of internal signals

VDI interface and interface signals

Practical exercises on training models with digital drives

Katlmc önkoullar

Basic knowledge of PLC programming.

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Included in the course price: Free access to the digital learning platform [SITRAIN access](#) – starting one week before the start of the course until two weeks after the end of the course.

With the Learning Membership, you can deepen or repeat the content of this Learning Event as well as continue your education on other interesting topics.

Tip

Snf eitimi

Süre

5 gün

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