

## SINUMERIK ONE Service Training (NC-ONE-SK)

### Short Description

This course will be renamed. For dates from 01.01.2025 please see [NC-ONE-SERV](#). This course teaches you how to maintain and service a SINUMERIK ONE with operator interface SINUMERIK Operate

### Objectives

This course teaches you how to maintain and service a SINUMERIK ONE with the SINUMERIK Operate user interface. Training equipment is used for service exercises and troubleshooting.

On completion of the course, you will have the knowledge and abilities necessary for handling ongoing service and maintenance work on machine tools with SINUMERIK ONE and SINAMICS S120 and to carry out secondary commissioning.

In the event of a fault, you will be able to search for and correct errors in a targeted manner. In this way, you help to keep downtimes as low as possible and to achieve higher productivity.

NC-NCAN course participants are advised to attend this course only after a period of gaining practical experience of 2 to 4 months.

### Target Group

Service personnel  
Maintenance personnel

### Content

Overview and components of the SINUMERIK ONE  
Introduction to operation  
Data backup and restart  
Analysis of fault displays and diagnostics displays  
Basic configuration of the axes and drives  
Adaptation of the machine data following mechanical maintenance work  
Structure of the user program  
NC/PLC interface structure, important interface signals and user alarms  
Practical service training on training devices

### Prerequisites

Basic knowledge according to the course NC-NCAN or NC-BASIC.  
Relevant education, knowledge and experience to enable him or her to analyze risks and to avoid hazards which electricity could create."

### Note

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### Type

Face-to-face training

### Duration

5 days

### Language

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