

SINUMERIK ONE Service (NC-ONE-SERV)

Short Description

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

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.

This course is the successor to the NC-ONE-SK course. The content is comparable and updated.

Type

Face-to-face training

Duration

4.5 days

Language

en