SIEMENS

SINUMERIK 828D Commissioning (NC-828-COM)

Short Description

This course provides knowledge for project planning and commissioning of the machine-tool system SINUMERIK 828D.

Objectives

This course will give you knowledge for the configuration and commissioning of the SINUMERIK 828D, as well as the knowledge to create and test different plant configurations.
After the course ends, you will master the commissioning of the SINUMERIK 828D control system with a SINAMICS S120 drive. By knowing the various functions of the controller, you are able to optimally adapt the controller to the machine and thus maximize the productivity of your machine.

Target Group

Commissioning engineers
Engineering personnel

Content

Overview and of SINUMERIK 828D
Components: HMI, NCK, PLC, Drives
Network and Operator Panels PPU, IPC
Commissioning and Service
Machine and Setting Data
Program handling PPU, PLC, IPC
Data Management
Commissioning and Optimization of Drives
Diagnostics and Alarms
Monitoring and Tracing of variables
Practical exercises on real SINUMERIK systems

Prerequisites

Basic knowledge according to the course NC-BASIC (formerly NC-NCAN)
Knowledges in TIA Portal equivalent to the course TIA-PRO1.

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.

Type

Face-to-face training

Duration

5 days

Language

en

copyright by Siemens AG 2026