SIEMENS

SINUMERIK ONE Upgrade (NC-ONE-UP)

簡単な説明

Based on your good know-how on the SINUMERIK Solution Line, this course will provide the knowledge for the project planning and commissioning of the SINUMERIK ONE, as well as the knowledge to create and test different machine configurations.

目的

Based on your good know-how on the SINUMERIK Solution Line, this course will provide you with the knowledge for the project planning and commissioning of the SINUMERIK ONE as digital twin and real, as well as the knowledge to create and test different system configurations. In practical exercises, you train commissioning and service on training equipment. After the course ends, you will master the commissioning of the SINUMERIK ONE control system with a SINAMICS S120 drive. By knowing the various functions of the controller, you are able to optimally adapt the control to the machine and thus maximize the productivity of your machine.

対象グループ

Commissioning engineers
Engineering personnel
Service personnel

注記

Overview and components of SINUMERIK ONE
Overview of SINUMERIK ONE functionality
Data backup of the SSD/SD, recommissioning, SW upgrade
Commissioning of the digital twin with TIA portal and CreateMyVirtualMachine
Adaptation of the control functions to the machine with machine data and interface signals
Machine kinematics and collision monitoring
Transfer of data to the real machine
Drive commissioning and axle assignment
Practical commissioning exercises on the PC (digital twin) as well as on a SINUMERIK training device

前提条件

Basic knowledge of the TIA portal
Good knowledge of the SINUMERIK 840DSL according to the course NC-84SL-SIP
Relevant education, knowledge and experience to enable him or her to analyze risks and to avoid hazards which electricity could create.

目標

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.

タイプ

対面トレーニング

期間

5 日

言語

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