

## SINUMERIK 828D Commissioning (NC-828-COM)

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### Kort beskrivning

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

### Beskrivning/mål

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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.

### Målgrupp

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Commissioning engineers  
Engineering personnel

### Innehåll

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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

### Förkunskaper

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

### Övrig information

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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.

### Typ

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Utbildning

### Antal dagar

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5 dagar

### Språk

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