

## SINUMERIK 840D PL Commissioning (NC-84DPL-C)

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### Short Description

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This course is for maintenance personnel of CNC machines that utilize the SINUMERIK 840D / 810D controls, using the MMC-103 or PCU-50 Operator Interfaces. Personnel using the MMC-100.2 or HT-6 Operator Interfaces are urged to contact Siemens Customer Training prior to enrolling in this class.

### Objectives

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Upon completion of this course, the student shall be able to:  
Back-up and restore all data to the MMC-103 / PCU-50, using Symantec GHOST software.  
Access and interpret the control's status displays for troubleshooting purposes.  
Analyze system messages, alarm messages, and LED indications to identify failures.  
Set and/or adjust specific machine data in the control.  
Optimize a closed loop position control system.

### Target Group

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### Content

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Initialization of the control  
Initialization of the digital servo system  
System data back-up and restoration  
PLC User program back-up  
Interface signals and status display function  
Axis position control  
Spindle control  
Identifying OEM generated alarms and operator messages  
NC Auxiliary functions  
Identification and setting of 611-D module and motor data in the 840D  
Diagnosis of servo problems in the 840D

### Type

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Face-to-face training

### Duration

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4.5 days

### Language

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en