

## Programming of the NC-PLC interface control (NC-S7APT)

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### Objectives

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This course is a compulsory prerequisite for the subsequent SINUMERIK 840D sl service classes. It deepens the SIMATIC S7-knowledge regarding interface programming and covers the PLC basic interface program, the NC-oriented function blocks and the structure of the NC/PLC interface.

### Target Group

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Commissioning engineers  
Engineering personnel  
Service personnel

### Content

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Overview about the system 840D sl  
Structure of the interface PLC-NC  
Installation of the basic program  
NC-Var-Selector  
PI-Services  
Fast Datatransfer FC21  
Positioning with FC18  
ASUP with FC9  
Practical exercises to these subjects

### Prerequisites

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Knowledge of SIMATIC S7 according to the course ST-PRO1 is necessary to be able to understand the contents of this course.

### Note

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none

### Type

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Face-to-face training

### Duration

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3 days

### Language

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en