SIEMENS

SIMATIC Motion Control 2 i TIA-Portalen (TIA-MC2)

Målsætninger

You will use the motion control functions of the SIMATIC S7-1500 controller. Using the technology CPU, you will be able to extend applications with absolute synchronous axes or camming. In this technology course, you will learn step by step the benefits and the use of these functions. After each learning step, you will deepen your knowledge with hands-on programming. After completing the course, you will understand how camming works and be able to efficiently assign parameters for technology objects.

Målgruppe

Programmers
Commissioning engineers
Engineering personnel

Indhold

Overview of S7-1500T Technology CPU
Absolute and relative gearing
Strategies for synchronization and desynchronization
Cam disc creation using the graphical cam editor and during runtime
Kinematic functions configuration and control
Interplay between Motion Control and Safety Integrated
Cam disc creation using libraries
Practical exercises on training devices with SIMATIC S7-1500T and SINAMICS drives

Deltagerkrav

Experience with programming motion control functions in SIMATIC TIA Portal corresponding to the course TIA-MC1.

Type

Face-to-face-uddannelse

Varighed

2 dage

Sprog

da

Gebyr

7.500 DKK