

PCS7 Systemcourse (ST-PCS7SY1)

Short Description

Som bruger af proceskontrollsystemet SIMATIC PCS7 lærer deltageren ved hjælp af eksempler og øvelser, hvor enkelt procesautomatisering af et anlæg fra automatik-komponenter til betjening og overvågning lader sig realisere. Dette systemgrundkursus formidler centrale SIMATIC PCS7-aspekter såsom transparens i det samlede system, anlægsorienteret projektering, datasikring og projekthåndtering såvel som det overordnede samspil mellem de forskellige systemkomponenter og værktøjer. OBS! Kurset gennemføres på engelsk og med engelsksproget dokumentation.

Content

System overview and architecture, including the various sub-systems for operating, monitoring and communication.

Review of the design concept from peripheral connection to the overall system access.

The design of the system of project and construction-oriented data handling.

Hardware configuration of AS, OS and ES stations.

CIR (Configuration i Run).

Network Settings.

Control of continuous processes with CFCs.

Control of sequential processes with SFC and SFC-Types.

User Function Blocks manufactured with SCL and S7 attributes.

Version Cross Checker (VXC).

Process Object View.

Import / Export option other configuration tools. OS compilation function and the OS Project Editor.

SIMATIC PCS7s operating and monitoring structure.

Faceplate, Block Icons and PCS7 wizards in SIMATIC WinCC.

User administration in SIMATIC WinCC.

Time synchronization between the AS / OS.

Horn function.

Plant Asset Management.

Distributed engineering (Multi Project).

Distributed solutions.

OS-Server.

OS-Multiclients.

Type

Face-to-face training

Duration

10 days

Language

en

Fee

33,200 DKK