

Course Name: DCS with PCS 7

Short description

As SIMATIC PCS 7 Engineer you will learn in this course the potential of the SIMATIC PCS 7-process control software with focus on AS Engineering. As important topics for advanced PCS 7 Engineers the configuration of Single- and Multi-Station OS, as well as principles and methods supporting an advanced graphic engineering are in the centre of the course.

Objectives

- Making participants familiar with SIMATIC PCS7 system.
- On completion of the course, you are able to engineer process automation optimally and efficiently.
- You will put your newly acquired knowledge of theory to use practical exercises which you will work on as if you were in a real plant.

Target Group

- Engineering students, Trainers, Project managers, project staff Technologists, project staff programmer.
- Commissioning engineers, configuring engineers, plant engineers.

Content

- Managing the project data in the SIMATIC Manager.
- Station and network configuration.
- Working with different views like Component view and plant view.
- Configuration of AS functions in CFC.
- Configuration of monitoring and controlling in the OS.
- Configuration of sequences in SFC
- Compiling, downloading & testing CFC & SFC chart.
- User blocks - attributes and visualization.
- The Graphic configuration with selected graphic objects.
- Syntax rules for SIMATIC PCS 7 engineering

Prerequisites

- PLC & SCADA courses are recommended.
- Technical understanding.
- Basic knowledge on Simatic -300 PLC & programming with different languages, Basic knowledge of process control engineering.
- The ability to use an MS Windows PC, keyboard and mouse.

Note

In this course you will work with SIMATIC PCS 7 AS RTX and software SIMATIC PCS 7.

Type

Face-to-face training.

Duration

36 hrs.

Language

English.

