

PCS7 Batch Course (ST-PCS7BAT)

Short Description

Target group are project managers and assistants, configuring engineers and users of PCS 7 configurations in batch processes. They get knowledge about batch basics and the SIMATIC Batch interfaces to the automation systems and their administration.

Objectives

Upon completion of this course, the student shall be able to:-
Define the terms and procedural model according to the ISA S88.01
Define hardware and software requirements to implement SIMATIC Batch
Configure and use Simatic Logon
Configure phase logic in SFCType and CFC
Perform batch planning and configuration
Use the Batch Control Center
Create a recipe
Define and configure batch materials
Generate standard reports and messages
Run and manage a batch

Target Group

Project managers, project staff
Technologists
Configuring engineers, Commissioning engineers

Content

Batch terminology, S88 terms, SIMATIC Batch relationship with respect to AS and OS
Windows and BATCH Application Security
Basic procedure for developing, planning and configuring a SIMATIC BATCH project
Procedural model, operate the Batch Control Center (BCC)
Creating materials, assign codes and modify their properties
Recipe editor and master recipe
Production orders, batches chaining control of batch processing
Operate the BATCH OS Controls
Operate the reports and archiving system

Prerequisites

The ability to use a MS Windows PC (2000/XP), keyboard and mouse to include opening and closing programs, locating files, copy and paste objects /data (text, etc). Drag and drop files, objects/data (text, etc). Use of menus and multi-menus, manipulation of windows within a multi-window environment. Use of MS Windows Help.
Prior attendance on the Siemens PCS7 System Course (ST-PCS7SYS).

Note

Each of the above topic areas are backed up by practical 'hands on' exercises using PCS7 training workstation.

Type

Face-to-face training

Duration

5 days

Language

en

Fee

2,560 GBP