# SIEMENS

## Simatic Batch (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 manager
Project staff
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, planing 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 Control
Operate the reports and archiving system

### Prerequisites

Prior attendance on the Siemens PCS7 System Course, i.e Simatic PCS 7 system grund standard (ST-PCS7SYS) or Simatic PCS 7 system grund intensiv (ST-PCS7SY1).

### Note

This training is run in English language with English course documentation.

### Type

Face-to-face training

### Duration

4.5 days

### Language

en