

## PCS7 Batch Course (ST-PCS7BAT)

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### Short Description

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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

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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

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Project managers, project staff  
Technologists  
Configuring engineers, Commissioning engineers

### Content

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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

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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

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

### Type

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Face-to-face training

### Duration

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5 days

### Language

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### Fee

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2,890 GBP