

SIMATIC PCS 7, SIMATIC BATCH

OEM: Siemens • Code: ST-PCS7BAT

COURSE DESCRIPTION

In this online training you will learn how to set up a batch project from the point of view of automation and the creation and handling of formulations from the point of view of process engineering.

AUDIENCE PROFILE

- Project managers, project staff
- Technologists
- Configuring engineers, Commissioning engineers

PREREQUISITES

- Basic knowledge of electrical engineering, control and feedback control systems and process control engineering.
- Attendance of the system course "ST-PCS7SYS" is recommended
- Practical experience in the project planning of SIMATIC PCS 7
- Technical requirements: for the online training a virtual training environment is required, which is provided by Siemens — see the technical requirements with VLab.

Note

- If you have no prior knowledge of configuration in SIMATIC PCS 7 and want to concentrate on handling recipes from a process engineering perspective, we recommend our SIMATIC BATCH operator training "ST-PCS7BOP".
- Included in the course price: Free access to the digital learning platform SITRAIN access – starting one week before the start of the course until two weeks after the end of the course.
- With the Learning Membership, you can deepen or repeat the content of this Learning Event as well as continue your education on other interesting topics.

COURSE OBJECTIVES

By the end of this course, participants will be able to:

- Target group are project managers and assistants, configuring engineers and users of PCS 7 configurations in Batch processes.
- By doing exercises in a virtual training environment, they learn about batch Basics and the SIMATIC Batch interfaces to the automation systems and their administration.

Module 1: 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