

## SIMATIC PCS 7 Service 1 (ST-PCS7SR1)

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### Short Description

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The course is designed for personnel whose main area of activity is the care, servicing and maintenance of existing installations with SIMATIC PCS 7 control systems. The focus is on typical servicing skills such as replacing wear parts and obtaining diagnostics data.

### Objectives

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The course provides you with basic knowledge of the SIMATIC PCS 7 process control system and an introduction to the processes of SIMATIC PCS 7 Asset Management

Through practical exercises on training equipment on which you will perform the work you would also carry out during live operation, you will be able to put your newly acquired theoretical knowledge to practice. This will enhance your learning success.

When you have completed this course, you will be in a position to quickly obtain comprehensive diagnostics data of a running SIMATIC PCS 7 system and will be able to carry out simple maintenance work without stopping the installation.

In this way, you will enable downtime to be reduced and this will increase the efficiency of your automation system.

### Target Group

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Maintenance personnel, service personnel

### Content

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Initial activities when servicing a running system  
SIMATIC PCS 7 documentation and online support  
Basics of SIMATIC PCS 7  
Basics of fieldbus systems used  
Procurement of diagnostics data with the SIMATIC diagnostics tool  
Introduction to integrated asset management with SIMATIC PCS 7  
Reading out diagnostics data on the SIMATIC PCS 7 hardware  
Exchanging modules and components during running operation  
Handling data and project backups and creating and importing backup images

### Prerequisites

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Basic knowledge of process control technology, open-loop and closed-loop control technology and of handling Windows applications

### Type

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Face-to-face training

### Duration

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4.5 days

### Language

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