

## SIMATIC PCS7 Service 1 (ST-PCS7SR1)

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### Objectives

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The course is aimed at personnel whose activities focus on the service and maintenance of plants with PCS7 control systems. The emphasis here is on the process-level components AS, I/O systems and system bus. The handling skills required in day-to-day practice for diagnosing and correcting faults are practiced on training equipment and in typical projects. Equipped with the knowledge of the integrated nature of the system, you will be able on completion of the course to quickly diagnose and correct faults and to remove possible fault sources in advance. This enables you to reduce standstill times and increase the efficiency of your automation system.

### Target Group

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Maintenance and service

### Content

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Overview components of PCS7 : AS, I/O, OS, networks  
Specific functions of the AS, ES and OS  
Reading and understanding the CFC- and SFC-functions  
Performing simple modifications in the application, such as : trending, alarm texts, parameter values  
Performing simple extensions to the application such as : 2 analogue input signals, controlling the motor, interlocks for valves, distributed I/O, communication AS-AS  
Tracing the signal from the I/O into the CFC-functions  
Test and simulation mode  
Diagnostics and Asset Management  
Exchange of components  
Management of the project data

### Prerequisites

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Basic knowledge of industrial automation

### Type

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Face-to-face training

### Duration

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5 days

### Language

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en