

Siemens Automation Cooperates with Education (SCE) | 02/2026

SCE Course Contents

PA Advance Course for Process Automation with
SIMATIC PCS 7 Process Control System

PCS 7 University course

2 days

Prerequisites

- Basic knowledge of Windows PC
- Basic knowledge of process control technology with SIMATIC PCS 7 basic knowledge of Windows PC

SCE Learn-/Training Documents

- PA university curriculums for SIMATIC PCS 7 modules:
P01-01 | P02-01 to P02-03 | P03-01 | P03-02

Contents

- Commissioning PCS 7 project from basic course
- Repetition and details of programming with CFC and SFC in PCS 7
- Alarm Engineering and alarm system in PCS 7
- Bulk processing and reusability of structures in PCS 7

- Archiving
- Trend reporting and trend display in PCS 7
- Advanced operator control design with ActiveX controls and user-defined objects
- Vertical integration with OPC

Note:

These Learn-/Training Documents are available in the SCE Internet: [siemens.com/sce/module](https://www.siemens.com/sce/module)

This program serves as the reference and guideline for the course, in which we place great value on practical exercises and application examples.

We will of course be pleased to cover any individual suggestions, requests and questions from participants during the event.

Additional SCE courses are available in the SCE Internet: [siemens.com/sce/courses](https://www.siemens.com/sce/courses)

Increase your automation technology expertise and inspire your students.

