



## SCE Course Contents

Siemens Automation Cooperates  
with Education (SCE) | 03/2016

[siemens.com/sce](http://siemens.com/sce)

**PCS 7 University Course**

**2 days**

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

### Prerequisites

- Basic knowledge of SIMATIC S7
- Basic knowledge of process control technology with SIMATIC PCS 7 basic knowledge of Windows PC

### SCE training curriculums

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

*Note: These training curriculums are available in the SCE Internet: [siemens.com/sce/module](http://siemens.com/sce/module)*

### 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

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.***

