SIEMENS

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

SCE Course Contents

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

| PCS 7 University course | 2 days |

Prerequisites

- Basic knowledge of SIMATIC S7
- Process visualization basic knowledge

SCE Learn-/Training Documents

- PA university curriculums for SIMATIC PCS 7 modules: P01-00 to P01-08

Contents

- Introduction to process control system
- SIMATIC Process Control System PCS 7
- Process description and system structure
- SIMATIC Manager and hardware configuration
- Plant hierarchy in SIMATIC PCS 7

- Continuous Function Chart (CFC)
  - Individual control functions with CFC
  - Plant safety with CFC
  - Control technology with CFC
- Programming sequential control systems with Sequential Function Chart (SFC)
- SIMATIC PCS 7 graphic generation for the operator station

Note:
These Learn-/Training Documents are available in the SCE Internet: **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**

Increase your automation technology expertise and inspire your students.