

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

# SCE Course Contents

SIMIT SCE – Simulating Plants Dynamically on the PC

TIA Portal course

2 days

## Prerequisites

- Basic knowledge of Windows PC
- Basic course SIMATIC S7

## SCE Learn-/Training Documents

- Process description sorting station module: 020-100
- SIMIT process simulation – coupling modules: 020-110 / 020-111 / 020-112
- SIMIT process simulation – basics module: 020-120

## Contents

- General information about SIMIT
- Installing the SIMIT software
- Managing and setting up projects
- General procedure for creating a project
- Setting up a new project

- Configuration of the interface to PLCSim / PLCSim Advanced / OPC UA
- Configuring an operating screen
- General information about animation of screens
- Component types and components
- Assigning component parameters
- Creating example projects
- Starting the simulator and testing the programs
- Connection to real PLC

**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.***

