

Siemens S7-1200 Jumpstart with TIA Portal Outline

This one day course is a fast paced jumpstart to programming the S7-1200 PLC with TIA Portal Step 7 Basic software. It is assumed that the student is already familiar with programming PLCs and wants to understand how the TIA Portal Software can be used to program the S7-1200 PLC.

Course Length & Time: One day. 8:30 AM - 4:30 PM

Topics:

- S7-1200 Family Hardware Overview
- TIA Portal Project & Portal Views
- Configuring the S7-1200 PLC Hardware
- S7-1200 Addressing & Memory
- Using Basic Instruction Set (Contacts, Coils, Timers, Counters)
- Using Simatic Automation Tool
- Function (FC) & Function Block(FB)
- Data Blocks (DB) & Data Types
- Monitoring Logic & Using Watch Tables
- Online Diagnostics & Troubleshooting
- Using the Integrated Web Server on the PLC
- Configuring a PROFINET Network

Prerequisite: Basic Understanding of PLCs

Part # PCC-TRN-SCH1-12TP

Complete training schedule can be found at www.pccweb.com/education | Registration can be done online or by contacting PCC at (262) 251-3000 or emailing training@pccweb.com.