



**SIEMENS**

*Ingenuity for life*



## Building expertise for success

SITRAIN® - Digital Industry Academy Certifications

[usa.siemens.com/sitrain](http://usa.siemens.com/sitrain)

## Certified employees ensure higher quality and productivity

Market pressures on productivity, shorter innovation cycles and new technologies make a highly skilled workforce a necessity.

SITRAIN - Digital Industry Academy certification courses enable staff to efficiently use, install and troubleshoot Siemens automation technologies.

Having the right expertise is essential for competent and effective action, leading to shorter commissioning times, lower maintenance expenditures, minimized downtime.

### Certification Benefits:

- DIN EN ISO 9001 based standardized evaluations
- Globally consistent skills validated by certification
- Lower costs through improved efficiencies
- Flexible and confident workforce
- Globally recognized credentials
- Comprehensive skill set definition

*“The Siemens certification program was challenging, but worth the work. This really validated my skills and ability.”*

– SITRAIN Student

## Certification Programs available

### Siemens Certified Programmer - SIMATIC S7 with TIA Portal

- Prerequisites: TIA Programming 1, 2 and 3
- Structure and create S7 programs utilizing complex data types, multi-instance block functionality and indirect addressing
- Program quickly, efficiently and safely with SIMATIC STEP7
- Efficiently program CPU resources, communications, data passing and integrated diagnostics
- Design program structures for Totally Integrated Automation projects

### Siemens PCS7 Certified Engineer

- Prerequisites: PCS7 System Engineering 1 and 2, PCS7 AS and OS Advanced Engineering, Pass PCS7 Basic Engineer Test
- Multi-project and multi-user engineering
- Station and network configuration

### Siemens Certified Programmer - SIMATIC S7 with STEP7 v5

- Prerequisites: S7 Programming 1, 2 and 3
- Configure, parameterize, and commission a main rack hardware station with digital and analog cards
- Create/assign PLC tags in hardware, code and tag table
- Create reusable code blocks and demonstrate parameter passing skills
- Configure, commission, and communicate with an HMI

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## Program Structure

A combination of hands-on and classroom training provide the basis of our program structure:

- TIA and S7 Programming classes
- Practical, hands-on tests
- Optional review classes available

SITRAIN® makes it possible to meet the requirements of DIN EN ISO 9001 as employees can obtain specialist knowledge and skills through a globally supported certification.

## Additional Questions?

Please contact your local Siemens sales representative or contact our technical learning support team at 770-625-5644.



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