

Siemens Certified Automation Engineer for SIMATIC Safety — Configuration and Programming (CPT-TIASAF)

OEM: Siemens • Duration: 1 Day (8 hrs) • Code: SAFETY-CERT

COURSE MODULES & TOPICS

Module 1: SIMATIC Safety Operating Principles

- Operating principles of SIMATIC S7 fail-safe controllers
- Safety Integrated system concept overview

Module 2: Safety Program Mechanisms and Programming

- Mechanisms of the safety program
- Programming of safety functions
- PROFIsafe operating principles and communication configuration

Module 3: Certified Automation Engineer for SIMATIC Safety Examination (CPT-TIASAF)

- Theoretical written examination on fail-safe controller configuration and programming
- Practical examination: commission an S7-1500F safety PLC with decentralized peripherals
- Certification: Siemens Certified Automation Engineer for SIMATIC Safety — Configuration and Programming