SIEMENS

Online-Training SIMATIC S7-400H Redundant System (ST-7H400H)

Objectives

In this live online course, This course builds skills for sustaining and maintaining a Siemens S7-400H Redundant System. The course begins with an introduction to redundant automation system concepts, purpose and typical system architectures. The course then builds skills in hardware components, SIMATIC redundant project management and, specific hardware tools application. A light review of system program elements and tools is included to support systems level troubleshooting. The class will use a functioning redundant demo project with minimal system programming.

Numerous practical exercises using a TIA demo project plant model will reinforce theoretical knowledge. The TIA plant model consists of an S7-400H Redundant automation system, ET200M distributed I/O, SIMATIC Touch Panel, and a Conveyor model. Upon completion of the course, you are able to configure

and commission S7-400H hardware, redundant system remote I/O, diagnose redundant hardware faults through Simatic software tools, carry out safe hardware-only fault diagnostics, and replace modules in a running system thus, reduce costly redundant system downtimes

Target Group

Maintenance personnel, Service personnel, Operators

Content

Configure and parameterize S7-400H Redundant system Hardware utilizing S7 Software tools
Perform startup procedures for S7-400H Redundant system hardware and software
Perform Configuration-in-Run (CiR) Replacement of Hardware
Maintain components of an S7-400H Redundant System.
Assemble redundant system hardware, cabling, wiring and, perform testing procedures.
Establish redundant system communication with multiple technologies.
Use standard STEP7 tools and methods for testing and diagnosing hardware & software problems in a
running redundant system.
Address and wire ET200M remote I/O signal modules
Configure and parameterize PROFIBUS DP and Ylink components

Prerequisites

S7 System Tools and Troubleshooting 1

Type

Online-Training

Duration

2 days

Language

tr

Fee

408 EUR
(price without 20% VAT)