Programmable Logic Controller (PLC)-SIMATIC

Date	Venues	($)Fees	Book your seat
23 Jun -27 Jun 2024	London	5500	Register Now

Course Overview:

in this course we will give the basic information of PLC , the automation systems, Maintenance and the configuration and parameterization of the hardware, handling with the STEP 7 Basis Software, You also will get an overview of human machine interfacing, and the integration of drives.

Course Objective:

- Identify the components and performance characteristics of the SIMATIC S7
- Install a PLC system, including the communication cabling and wiring of I/O
- Use the various address types to edit, reload, structure and run a program. Document, test, and basically troubleshoot the control system and its program.
- Diagnose and repair simple hardware problems.
- Utilize binary operations, timers, counters, comparators, and arithmetic operations for program modifications.
- Integrate and troubleshoot an HMI and Drive system within the control system
- Configure and troubleshoot Provirus DP nodes

Who Should Attend?

Engineers, Technicians, service/maintenance personnel who install or maintain automation systems and their application programs.

Course Outline:

- SIMATIC S7 System Family overview
- Installation and maintenance of a PLC
- Hardware configuration and commissioning
- Drawing and Symbols
- Digital and Binary Operations
- HMI and Provirus DP
- Rewiring
- Drive Systems
- Program documenting, saving and archiving
- Maintenance and Troubleshooting
- Configuration

Training Methodology:

- Presentation & Slides
- Audio Visual Aids
- Interactive Discussion
- Participatory Exercise
- Action Learning
- Class Activities
- Case Studies
- Workshops

- Games & Role plays

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