

# SIMATIC PCS7 Training

## *COURSE CONTENT*

### GET IN TOUCH



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## **About Multisoft**

Train yourself with the best and develop valuable in-demand skills with Multisoft Systems. A leading certification training provider, Multisoft collaborates with top technologies to bring world-class one-on-one and certification trainings. With the goal to empower professionals and business across the globe, we offer more than 1500 training courses, which are delivered by Multisoft's global subject matter experts. We offer tailored corporate training; project Based Training, comprehensive learning solution with lifetime e-learning access, after training support and globally recognized training certificates.

## **About Course**

SIMATIC PCS 7 Training by Multisoft Systems is designed to help professionals master one of the most advanced Distributed Control Systems (DCS) used in process industries worldwide. This comprehensive program provides in-depth knowledge of system architecture, engineering tools, hardware components, and real-time process control strategies.

## Module 1: Hardware

- ✓ Introduction to standard architecture of PCS 7 like ES, AS, OS-Server & OS-Clients
- ✓ Introduction to AS Hardware like PS, CPU & CPs

## Module 2: Working with OS

- ✓ Compiling Operator Station.
- ✓ Creating process pictures in Graphics editor.
- ✓ User interface in Process Control mode.
- ✓ Working with standard faceplates, Messages and Trends.
- ✓ Basics Operating and Monitoring.
- ✓ Implementation of Automatic and Manual Mode Control

## Module 3: Customizing the OS

- ✓ Archiving System
- ✓ Introduction to OS Project Editor & Licensing Concept in PCS 7
- ✓ Picture tree manager & user administration

## Module 4: Communication

- ✓ Station and network configuration.
- ✓ AS-OS Communication
- ✓ Introduction to server client architecture

## Module 5: Diagnostics

- ✓ Fault Diagnostics in software / hardware options
- ✓ Forcing, Simulation, Readback, Book back
- ✓ Project Backup
- ✓ Interlocking functions and operating modes
- ✓ Hardware Replacement

## Module 6: Settings for AS & OS

- ✓ Introduction to Time synchronization, Life beat monitoring
- ✓ Final steps of configuration
- ✓ SIMATIC PCS 7 Documentation and Support