

EXPERION LX / PLANT CRUISE CONFIGURATION AND CONTROL STRATEGY IMPLEMENTATION

| Honeywell PMC Academy

COURSE OVERVIEW

The Experion LX/PC - DCS Controller Configuration and Programming course is tailored for Process Engineers, Maintenance Engineers, and Safety Engineers. This course provides in-depth training on the configuration and operation of Experion DCS Control systems. Participants will learn to configure controllers, perform advanced programming, manage data acquisition, and monitor system operations. The course covers essential tools and techniques for building and commissioning control loops, configuring trends and history, and generating reports.

By the end of the Experion LX/PC - configuration and control strategy course, participants will have the skills to effectively configure and operate Control systems. This training ensures proficiency in advanced programming, system monitoring, and data management.

COURSE DURATION

3 Days

TARGET AUDIENCE

Process Engineers

HANDS ON TRAINING

Hands-on Training will be arranged during the session.

CERTIFICATE

Participants certification will be issued at the end of the course.

KEY LEARNING OBJECTIVES

Participants will learn to:

- Configuration Studio & Control Builder Overview
- Perform FTE Community configuration
- C300 Controller Overview
- Perform C300 Controller IO configuration
- Perform C300 Basic to Advance level of Programming
- UOC Controller Overview
- Perform UOC Controller & IO configuration
- Perform UOC Basic to Advance level of Programming
- Data Acquisition Control Module Configuration
- Device Control, Control Module Configuration
- Perform Trend and history configuration
- Sequential Control Module Configuration
- ERDB Administration and Other Tools
- Checkpoints
- Import-Export in Control Builder
- Bulk Configuration Tool
- Build and commission loops using a hardware simulator
- Typical loops include feedback, positioning, and digital control
- Cascade PID Control Module
- Perform DSA configuration
- Monitor and Operate the Process Operation using:
 - ✓ Group & Detail displays
 - ✓ Process & System Alarms
 - ✓ Experion Trends
 - ✓ Events
- Perform history configuration & Report Generation

For more information
automation.honeywell.com

**Honeywell Process Measurement
and Control**

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