

CONTROLEDGE PLC:

Implementation Fundamentals

COURSE OVERVIEW

This training on Honeywell ControlEdge PLC provides participants with a comprehensive understanding of both hardware and software components. The course covers essential topics including programming languages, network topologies, system integration, and communication protocols—key elements for designing and maintaining modern automation systems.

This training emphasizes hands-on skills through practical exercises in configuring and deploying communication settings for each protocol, allowing participants to experience real-world scenarios and application.

By the end of this training, participants will be equipped with the knowledge and skills to effectively implement and manage ControlEdge PLC systems. This foundation empowers them to contribute confidently to modern industrial automation projects.

Course Duration: 24 Hours

PRE-REQUISITES: None

COURSE DELIVERY OPTIONS:

- ✓ Virtual Instructor Led Training (VILT)

TARGET AUDIENCE The course targets operators and supervisors, Maintenance Engineers, & System Integrators.

HANDS-ON TRAINING

Hands-on Training will be arranged during the session using Virtual Machine.

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

KEY LEARNING OBJECTIVES

Participants will learn to:

- Hardware Overview
- ControlEdge Builder software Overview
- Installation and Controller Configuration
- Programming Language Overview
 - Ladder Logic Overview
 - Function Block Diagram
 - Sequential Function Chart
 - Instruction List
 - Structured Text
 - Customized function blocks
- Configure strategies using
 - Data Acquisition,
 - Regulatory Control
 - Discrete
- Network Topology
 - Ring
 - Star
 - DLR
- SCADA Integration with Experion
- Supported Protocols