CONTROLEDGE.: FUNDAMENTALS – PLC (WITH EXPERION INTEGRATION) IMPLEMENTATION

COURSE OVERVIEW

Course Number: CTE-0001
Course Duration: 2 Days

Prerequisite Course (s): None

This course provides participants the ability to perform the following tasks:

- System Architecture, Introduction to Hardware
- Installation of ControlEdge Builder
- Configure ControlEdge PLC
- Troubleshooting and Maintenance of PLC
- ELMM with ControlEdge PLC

COURSE DELIVERY OPTIONS

- Asynchronous Training (AT)
- Virtual Instructor-Led Training (VILT)

COURSE OBJECTIVES

- Recognize the role of the hardware and software components of ControlEdge PLC
- Install and configure ControlEdge PLC
- Configure strategies to incorporate Data Acquisition, Regulatory Control and Discrete Logic
- Configure and monitor ControlEdge PLC, Local I/O and Expansion I/O
- Configure Serial Communication Module for supporting Serial Communication with CE PLC
- Configure Ethernet/IP devices and Ethernet/IP Server
- Troubleshoot typical errors faced during ControlEdge PLC configuration
- Integrate ControlEdge PLC with Experion PKS
- Peer to Peer communication with C300 over CDA
- Configure ControlEdge PLC to interface with FDM over HART IP protocol
- Configure ControlEdge PLC to interface with Experion PKS over OPC UA
- Configure ControlEdge PLC to interface with Experion PKS over DNP3
- Configure Controller Simulator
- Migrate LM to ELMM with ControlEdge PLC

Honeywell