Course Overview
Course number: EXP-1022
Course length: 3 days

The purpose of this training is to provide the TPS/Experion skills and knowledge required for configuring, implementing and migrating to the Experion LCN (ELCN) Network and its components, including the ELCN Bridge, ELCN Appliance Nodes and Virtual ELCN Nodes. Also, this training includes detailed procedures for ELCN software installation, configuration, operation, and troubleshooting.

Course Benefits
- Become familiar with the ELCN basics concepts
- Identify ELCN Bridge and Nodes Hardware options
- How to implement Virtual ELCN Nodes
- Know about TPN and Experion system software requirements for ELCN implementation
- Efficient planning/implementation and support related to the ELCN On Process Migrations (Commissioning Server)
- Gain the knowledge of how to replace coaxial based LCN nodes with ELCN based nodes performing On Process and/or Off Process Migration procedures
- Implement ELCN Troubleshooting procedures

Course Delivery Options
- In-Center Instructor-Led Training

Who Should Take This Course?
Primarily intended for Engineers and Technicians who integrate LCN nodes into an Experion system and will be responsible for planning, installing, supporting and administering the Honeywell Experion LCN.

Prerequisite/Skill Requirements
Prerequisite Course(s)
- EXP-1021 or EXP-1021-AT

Required Skills and/or Experience
- Attendees of this course must possess a high degree of technical knowledge and a familiarity with the LCN and Experion process control systems

Desirable Skills and/or Experience
- None

Course Topics
- Knowledge about ELCN, ELCN bridges and nodes
- Install, configure, migrate, use and troubleshoot:
  - ELCN Bridge Commissioning Server
  - ELCN Bridges
  - ELCN ESVTs and ES-Ts
  - ELCN Application Module (UEA Appliance and Virtual ELCN Node)
  - ELCN History Module (Virtual only)
  - ELCN Redundant ENIMs (UEA Appliance)
  - ELCN Unified System Management (LCN and UCN Dashboards)
  - Fully migrate to an all-ELCN system
  - Decommissioning the ELCN Bridge (once no more LCN nodes present)

Additional Training
To increase your knowledge and skills, there are additional courses available from Automation College.

For more information and registration, visit www.honeywellprocess.com/en-US/training.