

Experion[®] Process Knowledge System (PKS) Graphics Design and Building



Course Overview

Course number: EXP03_WBT

Course length: 4.5 days

Need to plan and implement your Experion[®] PKS Graphic Displays?

This course provides participants the ability to perform the following tasks as applicable to the Experion[®] PKS System:

- Develop Display Design Guidelines
- Build HMIWeb Displays for Experion[®] PKS

Graphics display training is divided into two sections:

The first section presents the basic concepts and strategies needed to develop guidelines for effective and consistent Display Design.

The second section is an extensive hands-on workshop. Participants will develop Experion[®] PKS operating displays using the HMIWeb Display Builder. Lab exercises also include practice in building components for shape libraries.

Course Benefits

Efficient planning and implementation of your Experion[®] PKS System

- Conceptual understanding of graphic building guidelines to enable efficient display design
- Design and construct displays to create an effective interface for Plant Operations

Course Delivery Options

- [Virtual Training](#)

IMPORTANT – Prior to registration for this course, you must perform the User Readiness Test. Go to [Virtual Training Access Requirements](#) to perform this test.

Who Should Take This Course?

Experion[®] PKS System Implementers

Graphics Design and Display Building tasks can impact the following job roles. Other job positions performing these tasks could also benefit from this training.

- **System or Application Engineers** responsible for designing and creating Operator displays
- **Maintenance Engineers or Technicians** responsible for adding new displays or troubleshooting existing displays
- **Operators** responsible for specifying, modifying and/or implementing Operator displays

Prerequisite/Skill Requirements

Prerequisite Course (s)

- NA

Required Skills and/or Experience

- Working knowledge of Windows 2003 Server and/or XP

Desirable Skills and/or Experience

- Plant, process or controls knowledge
- Operator display design or specification familiarity

Course Topics

You will learn how to....

- Develop a Display Design Guide considering performance and capacity available on your Experion® PKS system:
 - Specify Operator interaction with displays
 - Design display level hierarchies, point manipulation options, navigation
 - Specify Shape Libraries
 - Specify Display Standards
 - Specify file naming conventions and directory structure for displays

- Build Displays using HMIWeb Display Builder:
 - Use tools and navigation options
 - Create new operating displays
 - Create display elements
 - Use the Shape Library
 - Create templates, dynamic shape files, shape sequences, trends and popups
 - Insert shapes into operating displays
 - Specify standard faceplate behavior
 - Create custom faceplates and configure faceplate behaviors
 - Use the Script Editor
 - Attach scripts to objects
 - Add Internet links and other navigation techniques
 - Use Cascade Style Sheets
 - Use Shortcut Menus
 - Configure security level changes from HMIWeb Displays

- Build Safeview configurations to manage displays

Additional Training

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

For more information and registration, visit

www.automationcollege.com.