

FIRE DETECTION SYSTEMS: FUNDAMENTALS – XLS140/XLS3000 SYSTEM PROGRAMMING, COMMISSIONING AND IMPLEMENTATION

COURSE OVERVIEW

Course Number: FDS-0001

Course Duration: 5 Days

Prerequisite Course (s): None

Obtain the knowledge, skills and tools required to properly Startup, Program, Commission, Operate and Maintain XLS120, XLS140 and XLS3000 Fire and Systems.

This Course will cover numerous topics to prepare participants for the tasks outlined above, including but not limited to:

- Fundamentals of Fire Detection Systems
- XLS System Hardware
- XLS System Programming
 - Front Panel Display
 - Verifire Tools
- XLS System Commissioning
- XLS System Operation
- XLS System Inspection and Maintenance

The course is designed to provide a comprehensive learning experience through Interactive Lecture, Hands-on Lab Exercises and Implementation of Practical Honeywell Process Solutions type projects.

COURSE DELIVERY OPTIONS

- Instructor-Led Training (ILT)

COURSE OBJECTIVES

- Fundamentals of Fire Detection System
 - Basic Terminology
 - Codes and Standards
- XLS System Hardware
 - XLS140 and XLS3000 Hardware
 - Identify and Install Devices
 - Start-Up/Commissioning of Panels
 - Panel Display Navigation and Menus
- XLS System Programming
 - Programming using Verifire Tools
 - Configure Lab panels using Engineering Documents
 - Networking Panels
 - Zoning, Logic Zones, and CBE Programming
- Engineering Documentation
 - Understand Typical Engineering Docs
 - System Drawings
 - C/E Matrix
 - FAT
 - SAT
- Maintenance and Inspections
 - Understand Basic Maintenance Tasks
 - Learn proper procedures per Code
 - Basic Troubleshooting
 - Understanding Error Codes
- Support Services
 - Where to locate related Information
 - Who to call for assistance
 - Learn when It Is appropriate to all for assistance and what Info is required