

EXPERION PKS: FUNDAMENTALS – CONTROLLER FIELDBUS CONFIGURATION IMPLEMENTATION

COURSE OVERVIEW

Course Number: EXP-24

Course Duration: 4 Days

Prerequisite Course (s): EXP-2001C3 or EXP-2001UOC

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

- Build control strategies in the Control Execution Environment that can be applied to the FieldBus Interface Module and the C200/C200E/C300
- Configure, build, and load control strategies to a FieldBus network and FieldBus devices
- This includes configuring and loading a C200/C200E/C300 controller with FIM modules
- Starting from R400 this also includes implementing a Fieldbus simulation
- Support for FIM8 is also incorporated

Participants will build and configure a C200/C200E/C300 controller with a FieldBus Interface Module. Lab exercises will also include building FieldBus points as well as cascaded C200/C200E/C300 to FieldBus points.

Maintaining the FieldBus Network will include replacement of like and unlike devices as well as trouble shooting techniques of the FieldBus network. Course participants will also implement a Fieldbus simulation, including FIM, device and control strategy configuration.

COURSE DELIVERY OPTIONS

- Instructor-Led Training (ILT)

COURSE OBJECTIVES

- Plan FieldBus on C200/C200E/C300 Controller
- Configure FieldBus on C200/C200E/C300 Controller including:
 - Hardware
 - Control Modules, which incorporate analog and digital control strategies
 - Maintaining FieldBus network by changing out of devices
- Implement a C300 Fieldbus simulation
 - FIM4 with H1 network
 - FIM8 with H1 network
 - Devices
 - Control modules, which incorporate analog and digital control strategies