

XSeries Level Two - Z901

Three-day course, 8:00am - 4:00pm



Course description

This course will instruct the student on the use of the advanced features of the XSeries devices, including the new XIO. This course will delve more into operations and some of the advanced applications available. Some of the TFIO modules will also be covered.

XSeries Level One - Z900 or XSeries Level One Virtual - Z903 is a prerequisite.

Learning Objectives

- Upon completion of this course, the participants will be able to:
- Identify hardware components
- Use PCCU32 software for basic meter setup, configuring the different TFIO modules, including adding and properly setting up the Valve Control application, calibration of the
- Analog Inputs (AI) and Outputs (AO)
- Set up various methods of local communication
- Manage configuration files using Update Cold Start and the 32-Bit Loader
- Set up data trending, modify unit display, and set up of complex operations
- Brief review of AGA3 Measurement and adding an XMV using the XIO

Course type and methods

This is an instructor-led course with interactive classroom discussions, presentations, and practical exercises on fully functioning equipment. At least 50% of time is spent on hands-on operation and lab activities. Laptops will be provided. Lunch is provided.

Topics

- PCCU overview
- Collecting and saving data
- Update Cold Start
- 32-Bit Loader
- Trending
- TFIO Modules
- Valve Control
- Unit display
- Remote and local communications
- Modbus communications
- XIO
- XMV
- PCCU software setup
- Operations
- Alarm System
- Safety Shutdown System
- Roll Based Access
- Troubleshooting