PROFINET Fundamentals Class (PN-F)

Class Syllabus

Ethernet Basics

- Introduction to Ethernet, TCP, UDP, IT protocols

PROFINET Overview

- Technology and Organization

PROFINET Performance Levels

- Conformance classes

PROFINET IO

- PLC Configuration (RT) *

PROFINET Features

- Topology and engineering *
- Diagnostics and engineering *
- Identification and Maintenance

Profinet Commander *

- IO Controller
- Name assignment
- Factory reset
- Identification and Maintenance

Additional Topics

- Simple Device Replacement
- Fast Start Up
- Shared Device
- I-Device
- Application profiles overview
  - PROFIsafe, PROFIenergy, PROFIdrive
- Wireshark capturing with mirror port setup*
- Technology comparisons

Recommended Audience

Sales, Business developers, Distributors, Management

Agenda

Day 1-2 (start at 8:30 A.M. and end around 5:30 P.M. each day)
All day: Technical learning & exercises

The PROFINET Fundamentals class helps you get off the ground with PROFINET technology and focuses on the user's view and basic engineering. After attending the class, you will have a good understanding of the features and use of PROFINET. For a deeper understanding you may want to consider our certified engineer class. Attendees of this class will receive 12 Professional Development (PDH) credit hours.

Find course dates and register at us.profinet.com

***sections with a hands-on lab**