



FOUNDATION Fieldbus Overview

Course Description

This course is for *anyone* interested in fieldbus technology. Course will include basic coverage of fieldbus terminology and key concepts. Demonstrations of diagnostic techniques, configuration tools, and device features will help illustrate concepts. Basic knowledge of process control and computers will improve the learning experience. Information from this course provides a basic fieldbus knowledgebase including terminology and key concepts that can be expanded through further specialized training available from Fieldbus Inc.

Course Outline

- Basic concepts and terminology of FF technology
- FF concepts sufficient to understand product literature and documentation
- Design and practical considerations for wiring and installing an FF network including Intrinsically Safe systems
- Major installation issues including power requirements, topology, redundancy, and FF specific wiring practices
- Basic communication mechanisms and related concepts
- Control strategies, loop times, and device types available for target segments
- Basic FF Function Blocks
- Available registered and custom blocks as well as related support materials
- Features and importance of Device Description and Capabilities File technology
- Concepts of mode, status, links, alarms, and trends
- Impact of features on control strategy
- Key host features
- Impact of interpretations on H1 device usage
- Demonstration

Background and Prerequisites

The course assumes little or no knowledge of FF, but participants should be familiar with process control. Review of the Fieldbus Inc. Fieldbus Primer would help prepare the user to understand concepts

Why Fieldbus Inc.

- Trainers are FOUNDATION fieldbus experts (minimum 10 years of Fieldbus experience)
- Small Class size (limited to 6 students)
- Trainers have field experience and process control backgrounds

Course Length: 1 day

Course Cost: \$625 per student (course materials and lunches included)

Location: FI Training Center in Austin, Texas

Dates: 24 March 2009
16 June 2009
21 July 2009
25 August 2009