

# FIELDBUS 101

## An Abridgement of Fieldbus Fundamentals

**Intended Audience:** Managers, Engineers, Designers, and Technicians taking a first look at FOUNDATION fieldbus™ Technology

**Course Format:** Seminar

**Course Length:** Half-Day

**Prerequisite:** None

**Materials:** Learning Modules and Visual Presentation

**Number of Modules:** 5 (Plus 3 Optional - Options are the lighter titles)

**Module Titles:** **About the Fieldbus Foundation**

Overview of the Foundation, its Members and Featured Products

**FOUNDATION fieldbus™ Technology Explained**

Origins of Fieldbus – its Features, Benefits and Sample Applications

**FOUNDATION fieldbus™ H1 Physical Layer**

Components Comprising the H1 Device Network

**Designing FOUNDATION fieldbus™ Networks**

Physical-Layer Fundamentals including Segment Loading Practices

**The Fieldbus Macrocycle**

Applying, Scheduling, and Executing Fieldbus Control Strategies

**Fieldbus High-Availability Systems**

Inherent Functions and Features for Robust and Reliable Fieldbus Networks

**Propagation of FOUNDATION fieldbus™ Field Data**

Understanding and Using Fieldbus Messaging and Diagnostics

**Menus and Methods**

Description of FOUNDATION fieldbus™ Method Applications

**Course Description:** This interactive, first-look seminar covers topics sufficient to assist the learner in evaluating application of FOUNDATION Technology. Taught by an experienced implementor, participants will be able to ask questions regarding installation, economic benefits, best practices and more. Avoid any unforeseen pitfalls with training and know-how from the World-class leader in Fieldbus training and consulting

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