

FOUNDATION™ Fieldbus Fundamentals

A Technology Overview of the Protocol and its Applications

- Intended Audience:** Managers, engineers, designers, and technicians needing fundamental understanding of FOUNDATION™ Fieldbus technology
- Course Format:** Seminar style
- Course Length:** Full-day
- Prerequisites:** None
- Materials:** BusCorp Learning Modules, on-screen presentations, whiteboard discussions
- Number of Modules:** Ten (10) modules included in the BusCorp Learning Module package
- Module Titles:**
- BLM-501 – About the Fieldbus Foundation**
Overview of the Foundation, its members and featured products
 - BLM-502 – FOUNDATION™ Fieldbus Technology Explained**
Origins of Fieldbus – its features, benefits, and sample applications
 - BLM-503 – FOUNDATION™ Fieldbus H1 Physical Layer**
Components comprising the H1 device network
 - BLM-504 – FOUNDATION™ Fieldbus Architectures**
Overview of Fieldbus H1 and HSE architectures
 - BLM-505 – Fieldbus Device Description and Capabilities Files**
Selecting and loading fieldbus device description and capabilities files
 - BLM-506 – Fieldbus Communication Protocol**
Supporting communication models of the fieldbus protocol
 - BLM-507 – Resource and Transducer Blocks**
Overview of FOUNDATION™ Fieldbus Resource and Transducer Blocks
 - BLM-508 – FOUNDATION™ Fieldbus Function Blocks**
Device function blocks with typical groupings and control strategies
 - BLM-509 – The Fieldbus Macrocycle**
Applying, scheduling, and executing fieldbus control strategies
 - BLM-510 – Fieldbus High-Availability Systems**
Inherent functions and features for robust and reliable fieldbus networks

Course Description This interactive, first-look seminar covers topics sufficient to assist the learner in evaluating features and benefits of Fieldbus technology. Taught by an experienced implementer, participants will be able to ask questions regarding system installation techniques, economic benefits, best practices and more.

Avoid any unforeseen pitfalls by obtaining training and know-how from the world-class leader in Fieldbus training and consulting.

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