SIEMENS

Ethernet Fundamentals in Industrial Networks (IK-ETHBAS)

Short Description

The Industrial Ethernet Fundamentals course provides a broad overview in network technology and mechanisms which are the foundation of today's digital communication. Ever heard of the OSI reference model? This course will give you the insight and takes you on a tour through all seven layers.

Objectives

Upon completion the participants will gain a foundation knowledge of networking and its applications in industrial environments and will be prepared for the certification trainings of the Siemens Industrial Networks Education program.

Target Group

Decision makers
Planners
Sales personnel
Configuring engineers
Commissioning engineers
Engineering personnel
Project engineers
Maintenance personnel
Service personnel
Industry: COOs
IT: CIOs, network planners and administrators

Content

Introduction to Industrial Ethernet
Layer 1 - Physical Layer
Layer 2 - Data Link Layer
Layer 3 - Network Layer
Layer 4 - 7

Prerequisites

To prepare for the training, please work through the WBT [Data communication for Industrial Ethernet](#).

Note

This training is recommended before attending the [Siemens Networks Certification trainings](#).

Type

Face-to-face training

Duration

2 days

Language

sv

Fee

14,900 SEK