SIEMENS

Ethernet Fundamentals in Industrial Networks (IK-ETHBAS)

Short Description

The Ethernet Fundamentals in Industrial Networks course will give you a broad overview in network technology and mechanisms which is 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 foundation knowledge of networking and its applications in an industrial environment and prepares for the certification trainings of the Siemens Industrial Networks Education program.

Target Group

Sales personnel
Industry: Commissioning engineers, project engineers, maintenance and service personnel
IT: Network architects and network administrators

Content

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

Prerequisites

There are no special prerequisites.

Note

Ethernet Fundamentals in Industrial Networks is recommended before attending the Siemens Industrial Networks Certification trainings.

Type

Face-to-face training

Duration

1 day

Language

da

Fee

4,700 DKK

copyright by Siemens AG 2026