

Principi di funzionamento delle reti Ethernet (SIE-ETHBA)

Short Description

Industry 4.0 is global and interconnected. This means that it becomes essential to have mastery of what an ethernet network is and how it behaves in all its aspects. This introductory course will provide you with the fundamentals of network technologies and the mechanisms underlying digital communication. The analysis of ISO/OSI levels will allow you to better understand how to relate to the needs required by modern network applications.

Objectives

After attending the course, you can:

- Understand the basic principles behind Ethernet
- Identify the ISO/OSI model layers
- Identify the levels of the TCP/IP model

Target Group

Programmers
Commissioning engineers
Engineering personnel
Maintenance personnel
Service personnel

Content

- Introduction to Ethernet and Industrial Ethernet
- Basic terminology
- ISO/OSI model
- Analysis of levels 1 to 7 of the ISO/OSI model and their applications
- TCP/IP model

Prerequisites

No requirements.

Note

This course delivery data will be decided together with you: please get in touch to digitalindustryacademy.rc-it@siemens.com, tell us your needs and we'll be glad to find a tailored solution for you!

[Submit Training Request](#)

This SIE-learning 4.0 is preparatory for the IK-PNCOM course.

Type

Online-Training

Duration

3 hours

Language

it

Fee

620 EUR
Price for semi individual session up to 2 participants

1050 EUR
Price for session up to 5 participants