

**Overview:**

This course (INA201-EL) provides controls and IT engineers knowledge to allow them to collaboratively architect a machine or process skid network. Starting from the ground up, IT and OT professionals will learn how to design a logical and physical network infrastructure for their operation.

**Objectives:**

- Network Architecture Defined
- Local Area Network (LAN) Technologies
- Network Topologies
- Managed and Unmanaged Switches
- System Design
- EtherNet/IP
- CIP Motion Application
- Planning a Physical Infrastructure
- Copper Physical Layer Design Practices
- Fiber Physical Layer Design Practices

**Who Should Attend:**

Engineers or IT personnel responsible for designing, deploying, and maintaining industrial automation networks.

**Prerequisites:**

To successfully complete this course, the following prerequisites are required:

- Completion of the EtherNet/IP Configuration and Troubleshooting (CCP183) or equivalent experience



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