

# Wiring and Cable Standards

## On-line

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**Course Length** 1 hour

**Prerequisites** NONE

**Course Objectives** This course will cover wiring standards and it's history. Common types of cabling include Ethernet, DS1, and Data Cables.

### Course Topics

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- Wiring Standards
- Twisted Pairs
- Cable Size
- Cable Twists
- Category Classifications
- Building Wiring Standards
- Electrical Characteristics
- Ohm's Law
- Cable Resistance
- AC Components
- Signal Amplitude
- Line Capacitance and Impedance
- Cable Connection Standards
- Color Codes
- M-66 Block and Tools
- RJ Connectors and Pin-outs
- POTS and Analog Pin-out
- Ethernet Cables
- DS1 Cable
- Data Cabling
- HDSL Cabling