

This intensive course will provide the knowledge and skills that you need to install, terminate and test copper cabling for data comms networks including Cat 5E and Cat 6. This course focuses on the tools, components and working practices that are typically used for local area networks to support data, voice and video. Most of the key tasks have to be performed on cabling that is mainly in an internal (indoor) environment. The knowledge and skills acquired can also be applied to copper cabling used for home networks and industrial networks as well as office and commercial environments

Who should attend? Those who wish to gain the knowledge and experience to become a skilled and qualified data communications installation engineer.

Prior knowledge Core unit 1 Basic principles of communications systems is required if delegate is to gain the City & Guilds 3666 qualification.

Course content

- History (high speed networks, copper media, Ethernet).
- Standards.
- Safety and Regulations.
- Electrical Theory.
- Cables types and uses.
- System Topologies.
- Termination of cables and patch panels.
- Voice Cabling
- Testing
- Containment & Cable Management
- System Design

Duration of course 5 Days

Course Materials Comprehensive course manual issued to all delegates

Intended Outcomes: On successful completion of this course delegates will be awarded the Level 2 Certificate in Communications Cabling and will be able to confidently carry out installations of data communications cabling systems

