

# NetworksCentre.

Training Academy

## City and Guilds 3667-02

*Unit 101: Basic Principles of Communications Cabling*

1 day

This training course provides delegates with a fundamental understanding of cabling media and the basic principles that lie behind communications cabling and the basic workings of a network cabling system are explored.

The applications that harness communications cabling in a modern cabling system are also examined, providing a valuable insight into communications cabling and other media.

The course looks at the different types of copper cabling media including Cat 5e, Cat 6, Cat6a and other high bandwidth copper cabling systems. In addition, the course also takes a look at optical fibre media, otherwise known as fibre optic cabling, to include a summary of single mode (sm) and multimode (mm). As well as common communications cabling definitions and current communications cabling standards, this course gives delegates a comprehensive guide to communications cabling.

### Who Will Benefit

The Basic Principles of Communications Cabling City and Guilds 3667-02: 101 course is aimed at anyone who is thinking of entering into the communications cabling installation industry.

It also forms part of the newly designated training government led initiatives to increase the skills and underpinning knowledge of candidates who feel they have gaps in their basic knowledge of applying communications technology.

This City & Guilds 3667-02:101 course is the recognised qualification for professional datacomms cabling and structured cabling installers and is on the established UK's regulated qualifications framework (RQF).

### Course Content

- Introduction to communications cabling
- Health and Safety
- The application of communications cabling in the networking environment
- Current communications cabling terminology and standards
- Communications cabling bandwidths and performance
- Communications cabling transmission
- Common communications cabling components
- Communications cabling installation procedures and working practices

Part Number	Description
CG-FOUNDATION-101	CITY & GUILDS BASIC PRINCIPLES OF COMMUNICATION CABLING