NetworksCentre.
Training Academy

City and Guilds 3667– 02

Units 102/103: Fibre Optic Cabling Combined: Internal & External
5 days

This training course provides delegates to experience both practical and theoretical skills. The course looks at basic installation practices, fibre optic connectorisation, splicing fibre, external enclosures and test requirements and on completion, delegates will be able to apply the skills gained to real life situations involving cabling systems.

The course focuses on the components, equipment and working practices that are used for premise cabling and fibre optic cabling deployed in an external telco environment.

Who Will Benefit

This course is suitable for network installers, fibre optic cabling installers and engineers, who are looking to prove their installation skills and professionalism. It is particularly applicable to individuals, for example, electricians and telecomms engineers who wish to increase and broaden their range of skills.

The course is ideally suited for fibre optic cabling technicians, installers, data comms cabling installers and network cabling technicians who may have had some previous experience in installing data cabling, but are seeking to acquire new skills in fibre optic cabling, increasing their knowledge and opportunities. Ity may be that as part of an expanding role, individuals may benefit in possessing a nationally recognised qualification.

City and Guilds 3667-02:102/103 demonstrates, that delegates have been thoroughly assessed and can confidently install, terminate and test fibre optic cabling, that typically, will be installed in an internal and external environment.

This City & Guilds 3667-02:102/103 course is the recognised qualification for professional datacomms cabling, professional fibre optic cabling installers and structured cabling installers and is on the established UK's regulated qualifications framework (RQF).

Course Content

- Theory of Light
- Fibre optic transmission
- The 'how' and 'why' fibre is used in a datacomms environment
- How fibres work and the issues that can affect performance
- Current standards
- Terminologies
- Identify fibre optic components and explain their uses
- Work safely with fibres in an internal & external environment
- Fibre optic fault finding

- Follow installation procedures and working practices
- Prepare fibre optic cabling
- Terminate fibre optic cabling by fitting connectors
- Fibre optic cabling fusion splicing
- Fibre optic external enclosures
- Loss budget calculations
- Carry out a OTDR test on fibre optic links
- Interpreting test results

Part Number	Description
CG-FIBRE	CITY & GUILDS INSTALLATION AND TESTING OF FIBRE NETWORKS