

LEVEL 2 CERTIFICATE IN COMMUNICATIONS CABLING – FIBRE OPTICS (5 DAY)



WOOD
COMMUNICATIONS
NETWORKING EXPERTS

**City &
Guilts**

Gain the knowledge and skills to become a skilled and qualified Fibre Optics installation engineer.

This is a five day intensive fibre optic cabling course, which is uniquely designed to incorporate both single-mode and multi-mode testing and installation of fibre optic cabling for applications including Telecom Networks, LAN's ,IP Video and Datacomms networks.

On successful completion of this course, delegates will be able to confidently carry out installations of Fibre Optic cabling.

FIBRE OPTICS

3668.02/03

**MULTIMODE &
SINGLEMODE**

QUALIFICATIONS:

CITY AND GUILDS
CERTIFICATE 3668.02/03
LEVEL 2

70% PRACTICAL
"HANDS ON"

Is it for you?

If you are:

- a cable installer looking for an internationally recognised qualification to prove your professionalism
- already doing electrical, data or telephone cabling & want to extend your skills to do fibre optics too
- looking to start a career change into communications cabling
- a supplier looking to understand the practical issues involved with installing fibre optic cabling

then **YES it's for you!**

What does it cover?

INTRODUCTION

- Communications
- Fibre optic advantages
- Measurement used
- Components

OPTICAL FIBRES:

- How fibre works
- Multi mode Single mode
- Parameters

SAFETY:

- BS 7718 & BS 6701 spec
- Safe working practices
- Laser safety

CABLES:

- Cable Types
- Construction

CABLE INSTALLATION AND PREPARATION

- Cable handling
- Techniques
- Tools

CABLE JOINTING:

- Losses
- Performance

CONNECTORS:

- Connector construction
- Connector types
- PC
- Ultra/Super PC
- Angle polish
- Optical splitters
- Single mode connectors
- Termination techniques

SPLICING

- Types of splicing
- Fusion splicing
- Mechanical splicing
- No Polish Connectors (NPC)

CLEAVING

- Cleaving troubleshooting
- Parameters
- Developments in splicing

SPLICER CARE:

- Maintenance
- Care of electrodes

ACTIVE & PASSIVE COMPONENTS:

- Light sources
- Splitters
- Receivers
- WDM's explained
- DWDM overview
- Other equipment

INSTALLATION PROCEDURES:

- The standards
- BS 7718 & BS 6701
- EN 50173

TESTING

- Power budgets
- Losses calculations
- Using test equipment

OTDR

- Using the OTDR
- Interpreting results
- Eliminating problems ghosts
- Formatting and saving results

CATV/CCTV

- Fibre Usage
- Applications

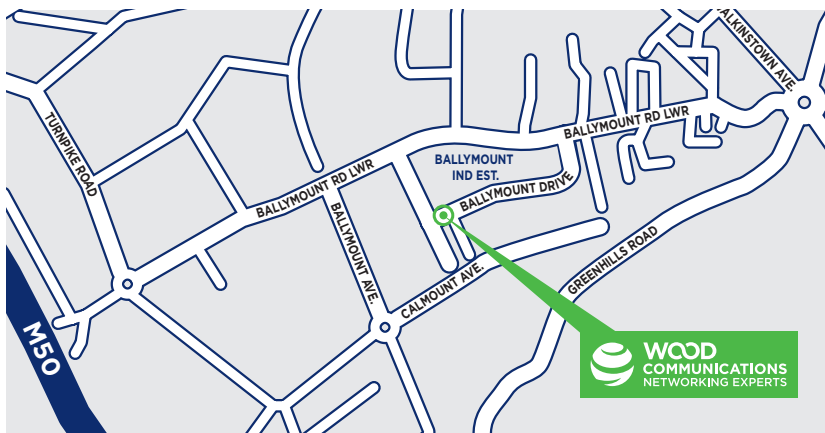
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We aim to bring you the best training available in this specialist area. Our professional training formula means:

- good training from reputable, respected professionals
- up-to-date, well researched courses written by our trainers with your needs in mind
- comprehensive, well-structured, well illustrated course manuals written in plain English
- small, informal groups (max 6 on this course) so you relax, enjoy the course & learn more
- modern presentation media and training techniques
- plenty of hands-on practical sessions.

WHERE TO FIND US:



Looking for more?

There are other options, under the City & Guilds 3668 umbrella, to cover the different cabling technologies:

- 3668.04 (Copper) for structured cabling systems.

Dates & Venues

Call John Mc Mahon at our Ballymount office 01-4264000

Price

€1,650.00 per delegate.

This course is now combined with 3668.03 singlemode for the above price.

To Book

Complete and return the form below or send your purchase order number to:

**Wood Communications Ltd,
Unit L7, Ballymount Industrial Estate,
Dublin 12, Ireland**

T: 01 4264000

F: 01 450 1946

E: training@woodcomm.ie

woodcomm.ie

Wood Communications Booking Form

LEVEL 2 CERTIFICATE IN COMMUNICATIONS CABLING - FIBRE OPTICS - CITY & GUILDS 3668 MULTIMODE & SINGLEMODE

Place/s req: _____ at (venue): _____ on (dates): _____

Delegate: _____ Job function: _____

Company: _____

Address: _____

Postcode: _____ Phone No: _____ Fax No: _____

Total due: _____

Payment enclosed Please invoice Purchase order No Please charge my VISA card*

Card No: _____ Issue date: _____

Expiry date: _____ Name on card: _____

Authorised signature: _____ Date: _____

Name: _____

**Please advise if card billing address is different from above. Payment for all courses is due by the date of the course. Withdrawals with less than 14 days notice may be subject to a 50% cancellation fee. Woods reserve the right to cancel or postpone any advertised course, if necessary, in which case any monies paid will be refunded.*