

9 First Avenue,
Longlake Ext. 1,
Linbro Park, 2090,
South Africa

P.O. Box 10000,
Kempton Gate, 1617

Tel: +27 (0) 11 452 1684
Fax: +27 (0) 11 452 3173
Email: training@cfsafrica.com

Course Information

Keeping your edge can be difficult when technology is always changing. MEGAnet® installers can keep up-to-date with the fast paced networking industry by attending our certified MEGAnet® course in system design and installation.

Module 1 - Copper Cabling Technology

- What is a data transmission on copper wiring?
- Characteristics of copper wiring
- Problems we test for on copper wiring
- International testing standards: ISO, TIA, EN

Module 2 - Optical Fibre Cabling Technology

- What is a data transmission on optical fibre?
- Characteristics of optical fibre
- Problems we test for on optical fibre
- International testing standards: ISO, TIA, EN

Module 3 - Planning Your Premises Cabling

- Future of networking and cabling systems
- Changes in international standards
- Category 6 and 10Gb/s Ethernet
- Planning for the future

Module 4 - International Design Standards

- Who writes standards?
- ISO/IEC 11801 and TIA/EIA 568A terminology
- Work areas, distributors, and data centres
- Pathways and spaces (TIA/EIA 569A)
- Earthing and bonding (TIA/EIA 607, EN50174)
- Labelling and documentation (TIA/EIA 606)

Module 5 - Installation Tips

- Most common mistakes
- Pulling cable
- Terminating connectors
- Design checklist (pathways, earthing, and labelling)

Application Form

1. APPLICANT

Company Name

Contact Person

Street Address

Code

Postal Address

Code

Tel Cell Fax

Email

2. TRAINING REQUIRED

Number Of Students

Student Names

(Max 12 Students)

Required Dates

Required Location

3. TEST EQUIPMENT OWNED

COPPER TESTER (Please list Brand and Model)

- Certifier
- Date last calibrated

OPTICAL FIBRE TESTER (Please List Brand and Model)

- Light Source and Power Meter
- Date last calibrated
- OTDR
- Date last calibrated

4. INTERNAL USE ONLY

Client Account Number

Sales Representative's Name

Payment Received Date Accounts Confirmation