



FOA - CFOS/D

Certified Fibre Optic Specialist in
Design

FOA CFOS/D certification is a specialist certification covering cabling design, planning and documentation, which includes both outside plant and premise networks.

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COURSE CONTENT

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Introduction to Fibre Optic Design

- Fibre Optic Design Basics
- Design Processes
- Benefits
- Reasons for Planning

Overview of Fibre Optic Installation - Outside Plant and Premises

- Different Topologies
- Overhead & Underground
- Premises Consideration
- Risers
- Plenum

Testing and Documentation

- Testing systems - OTDR and Optical Loss Testing
- Maintenance and Restoration
- Documentation

Writing a Project Specification and Other Documentation

- Design Scope
- Standard & Standard Groups
- Geographics & Non-Geographic Records
- Networks Diagrams
- GANTT Charts

Choosing Components

- Fibre Specification
- Cable & Connector Types
- Splice on Connectors
- Panels, Closures and Cabinets

Planning a Fibre Optic Network

- Preliminary Surveys
- Budgeting
- Detailed Surveys

Estimating

- Preliminary Budgets
- Forecasting
- Contingency

Exam and Assessment Method

- Multiple Choice Exam
- Assessed Practical Exercises