FOA - CFOT

Certified Fibre Optic Technician

FOA CFOT certification is based upon an extensive knowledge of fibre optic technology and application, as well as demonstrated skills in appropriate tasks.

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COURSE CONTENT

FOA CFOT certification is based upon an extensive knowledge of fibre optics technology and application, as well as demonstrated skills in appropriate tasks.

Introduction to Fibre Optics
- Health and safety
- Fibre optic terms
- Metric system
- Fibre optic communication systems

Installation
- Fibre Type
- Multimode and singlemode
- Attenuation and loss
- Cable types

Splicing
- Splicing processes
- Troubleshooting
- Parameters

Connectors
- Connector basics and types
- Termination processes

Installation & Planning Considerations
- Loss budgets
- Choosing components
- Documentation

Testing
- Test equipment and correct procedures
- Light source & power meter (ILM)
- Visual light source (VLS)
- OTDR's features and principles
- Event types i.e reflective/ non-reflective
- Macro/micro bending
- Fault locating
- Lead types
- Practical workshops

Exam and Assessment Method
- Multiple choice exam