

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

Venue Melksham, Wiltshire

Duration 5 Days

COURSE CONTENT

Introduction to Fibre Optics

- ◆ Health and safety
- ◆ Fibre optic terms
- ◆ Metric system
- ◆ Fibre optic communication systems

Installation

- ◆ Fibre types
- ◆ Multi/Singlemode
- ◆ Attenuation/loss
- ◆ Cable types

Splicing

- ◆ Splicing processes
- ◆ Trouble shooting
- ◆ Parameters

Connectors

- ◆ Connector basics and types
- ◆ Termination processes

Installation & Planning Considerations

- ◆ Loss budgets
- ◆ Choosing components
- ◆ Documentation
- ◆ Here goes course content point

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