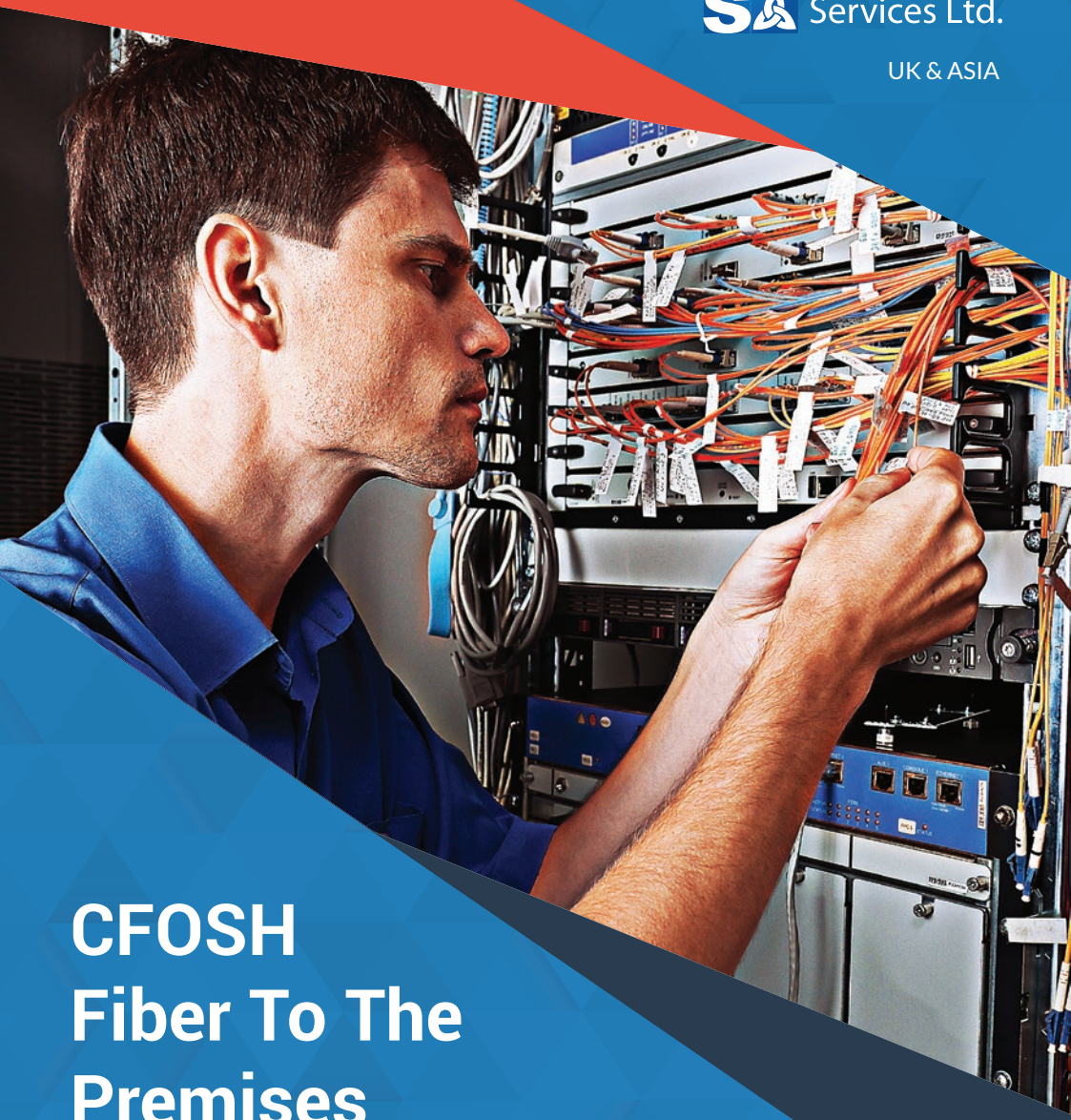
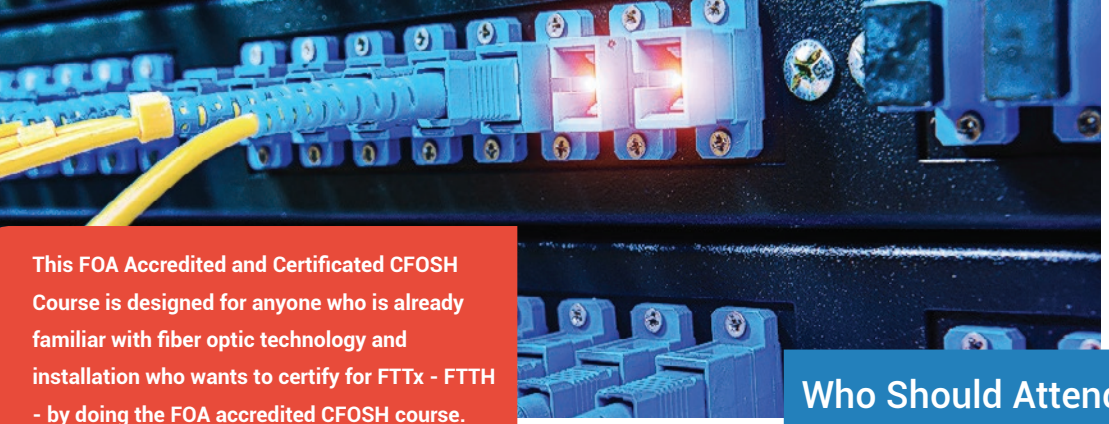
SubNet Services Ltd.

UK & ASIA



CFOSH Fiber To The Premises FTTx FTTH

Designed to upgrade from basic CFOT to Fiber to the premises FTTx FTTH



This FOA Accredited and Certificated CFOSH Course is designed for anyone who is already familiar with fiber optic technology and installation who wants to certify for FTTx - FTTH - by doing the FOA accredited CFOSH course.

FTTx Course Description

This course covers training personnel on Fiber To The Home/Premises/ Curb (called FTTx). The course can be used to either train installation technicians already familiar with fiber optic installation (and FOA CFOT certified) or can be structured to train other personnel in support roles, including customer service. Typically, a certification course would be 2 days and include extensive labs while a Introduction to FTTx course would be only one day and not include labs.

Prerequisites

For technicians: CFOT certification (understanding of basic fiber optics, components, installation practice, testing)
For others not expecting to do actual installation work: none

Goals:

Students in this course will learn:

- Why FTTx is being implemented today, including technical, marketing and financial justifications.
- The types of FTTx architectures being used, advantages and disadvantages of each and types of components required.
- Technical details of specialized FTTx components like splitters and wavelength-division multiplexers and requirements for cables, connectors, splices and hardware.
- Design and installation requirements particular to FTTx.
- Testing and troubleshooting FTTx links.
- Specialized safety requirements of FTTx.

Who Should Attend The Course?

Anyone who is to be employed in configuration, installation, testing, troubleshooting, maintenance of FTTx FTTH Fiber Optic Systems: Technicians, System Analysts, Design Engineers, Managers, Telecommunication Professionals, Electronics Technicians, Electrical and Mechanical Technicians, Marine Electronics Technicians, Oilfield Technicians, ROV Technicians etc.

Certifications

A SubNet Certificate of Attendance is issued as standard and SubNet can (recommended) give the student the FOA (The Fiber Optic Association) CFOSH certification exam immediately after the course ends and certification issued for the standard fee to student to accredit them as FTTx FTTH technician.

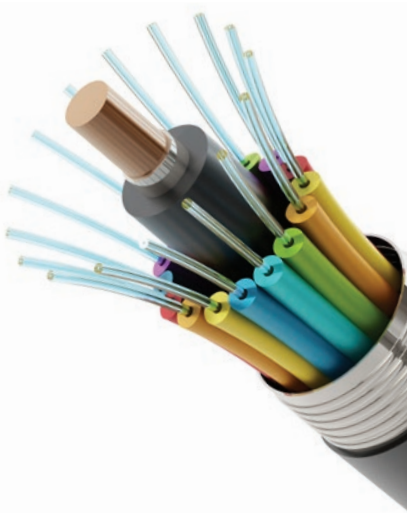
Why Choose SubNet Services?

1. **SubNet Are Members of The Fiber Optics Association**
2. **SubNet use Task Based Competence Training**
3. **SubNet Issue FOA Certification to Competent Delegates**
4. **Easy to Get to Training Location in Manila Asia (budget airlines)**
5. **OR We can come to your World Location with our Training Pack**
6. **Cost and Time Effective for Business**
7. **We also Supply Experienced Fiber Optic Technicians World Wide**
8. **We Have trained Technicians for Major Clients in Europe-MidEast – Far East – Americas and Asia/Australasia**

Hands-On Activities For Labs

Hands-on activities for FTTx labs is structured for the requirements of the organization being trained. System architecture and installation methods can include:

- Traditional OSP installation: Cable installation, preparation and splicing.
- Preterminated cable plant installation: Installing cables and hardware using factory made cables and hardware.
- New installation processes: preterminated/splice connectors, installation and assembly of PON splitters.
- Testing: OLTS and OTDR testing of PON (passive optical network) links, use of optical power meters to measure power outputs at system turn-on to verify installation performance.



Certified Fiber Optic Technician for FTTx covers fiber to the home, fiber to the premises, fiber to the curb and fiber to the business.

Our mission is to prepare our students for work in any field utilizing advanced fiber optic technologies who after passing this course will be competently able to analyze with confidence any fiber cables, networks or installations and make recommendations to improve or repair the system efficiently.

Creating a Workforce for FTTx

The FOA FTTx program works two ways:

1. **Training and certifying installation techs who will work in the field to install FTTx systems and**
2. **Educating any personnel associated with FTTx networks (manufacturers, administrators, even marketing) about FTTx technology so they can be more effective in their jobs.**

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