



Outside Plant Fiber Optics

MODULE:
CFOS/O – FOA - CERTIFIED OUTSIDE PLANT
FIBER OPTICS

COURSE OVERVIEW

MODULE NUMBER:
TEL2008

Our mission is to provide our students with the practical aspects of fiber optics design, installation, testing and troubleshooting of outside plant (OSP) fiber optics cable systems. This program improves the knowledge of each student with some training/experience on CFOT and focuses on familiarization with the technology and processes involved in the installation of OSP networks.



COMPETENCIES GAINED

Through 70% hands on training, students will prove their competence in the following:

- ▶ What is fiber optics and how is it used in the outside plant
- ▶ How is it used in communications
- ▶ How does a fiber optic link transmit signals
- ▶ What components are used in fiber optic cable plants
- ▶ How are fiber optic cables spliced and terminated
- ▶ How does one test a fiber optic cable plant or network
- ▶ What is involved in designing a fiber optic network
- ▶ How are fiber optic cable plants installed



WHO SHOULD ATTEND THE COURSE

Anyone who is to be employed in design, configuration, installation, testing, troubleshooting, or Fiber Optic communication systems and network: System Analysts, Design Engineers, Network Owners, Facilities Managers, Estimators, Telecommunication Professionals, Electronics Technicians, Electrical and Mechanical Technicians, IT Professionals, Contractors, Installers, Architects and Users involved in designing and maintenance of outside plant networks as well as installation of fiber optic cable plants and communication systems, etc.



PREREQUISITES

Participants must be computer literate and with CFOT training and certification (FOA approved school and certification)



LOCATION

- ▶ At our technical Training Centre Manila, Philippines OR
- ▶ We come to your Country Location and deliver the training at your preferred location (for interested companies with minimum number of students)



COURSE DURATION

- ▶ 2 days + FOA Certification Exam Time



CERTIFICATIONS

A SubNet Certificate of Attendance is issued as standard and SubNet can (recommended) give the student the FOA (The Fiber Optic Association) certification exam immediately after the course ends and International Certification issued when exam is passed.



OUTSIDE PLANT FIBER OPTICS COURSE CONTENT

- ▶ Review of Optical Fiber Technology
- ▶ OSP General Installation Guidelines and Safety
- ▶ OSP Installation Methods
- ▶ OSP Components (Fiber type, cables, hardwares)
- ▶ OSP Documentation Procedures
- ▶ Hands-On Session and Case Studies
- ▶ Competency Assessment, Conclusion FOA Certification Exam and Evaluation

SubNet Services, Ltd.

 208-B Eulogio Amang Rodriguez Ave., Rosario, Pasig City, 1609, Philippines

 +63 (0) 917 576 6544

 training@subnetservices.com

 blog.subnetservices.com

 www.subnetservices.com