



FOA - CFOT® CFOS/O: Certified Fiber Optic Technician / Specialist in Outside Plant

On-ground Training Course

This is a US Department of Labor and internationally recognized certification covering fiber optic network fundamentals intended for anyone looking to enter the fiber optics field, including: network owners, IT personnel, facilities managers, network designers, engineers, inspectors, estimators, or technicians involved in the design or installation of outside plant fiber networks. This course is especially recommended for current fiber optic technicians who may need to improve skills and obtain certification, as it can enhance their effectiveness on the job.

Upon successful completion of this course, students should achieve the following objectives:

- Have broad knowledge on fiber optics fundamentals, standards, optical networks design, and applications
- Overview of OSP fiber optic installations
- Proper handling and preparation of fiber cables for installation, termination, and splicing
- Terminate fiber and Install fiber optic connectors
- Conduct basic splicing operations
- Perform connector inspection, insertion loss and OTDR tests
- Understand OTDR trace interpretation
- Communications systems utilizing OSP fiber optic cable plant
- Fiber optic components appropriate for OSP networks
- Installation of buried, underground and aerial cable
- Understand installation best practices and safety issues
- Lab Exercises including hands-on splicing and testing on simulated outside plant
- Successfully pass the CFOS/O certification test

Pre-requisites

- Completing Pre-Course assignments and submitting 5 days before class starts

Textbook

FOA Reference Guide to Fiber Optics, by Jim Hayes



FOA Outside Plant Fiber Optics Construction Guide, by Joe Botha

Course Details

- 4 Days. On-Ground Classroom
- CFOS/O certification test is given after completion of training and submission of related deliverables
- A minimum score of 70% must be achieved to pass the exam

Completion and Certification Requirements

To receive FOA CFOT® CFOS/O certification, students must complete training and achieve over 70% on a final test consisting of 110 questions. Students that do not pass the FOA CFOS/O test will receive a certificate of completion by Zayin Fiber Optics.

Due to significant overlap in content, testing for the CFOT and CFOS/O credentials are conducted with a single test.

Our Instructors

Our instructors are highly qualified experts, with respective professional credentials in their areas including: Fiber Optic Association (FOA) Master Instructor and CFOS/I, and CFHP®, and have served customers internationally over decades.

Legal Disclaimer

Zayin Fiber Optics does not offer academic or vocational degrees. We are not accredited as a degree granting institution. We only offer Fiber Optics and Telecommunications related skills training and prep courses, and courses that lead towards certification by the Professional Fiber Optic Association (The FOA). Certifications by The FOA are recognized by the US Department of Labor, and Zayin Fiber Optics is authorized by The FOA to provide FOA certifications in its behalf. Zayin Fiber Optics is registered as FOA Approved School #756, and its authorized to offer FOA Training in the US and Internationally.