



## **FOA - CFOS/D: Certified Fiber Optic Specialist in Design**

### **On-ground Training Course**

This is a US Department of Labor and internationally recognized specialist certification training covering fiber optic network design related activities. This training is intended for network owners, IT personnel, facilities managers, network designers, engineers, inspectors, estimators, or technicians involved in the design or installation of fiber networks. This course is especially recommended for network planners who may need to improve skills for fiber optic network design related activities, as it can enhance their effectiveness on the job.

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

- Plan a basic Fiber Optic Network
- Be familiar and able to reference international standards
- Choose and specify optical network components
- Conduct design review (Component compatibilities, power budget, environmental requirements, etc.)
- Generate and specify testing procedures and documentation
- Conduct fiber network estimations
- Use tools for mapping and geo-referencing
- Understand principles of project management/lifecycle as related to fiber projects
- Write project specifications and other documentation (SOW, MOP, RFQ)

### **Pre-requisites**

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

### **Textbook**

FOA Reference Guide to Fiber Optics, by Jim Hayes.

### **Course Details**

- 4 Days. On-Ground Classroom.
- CFOS/D 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 CFOS/D certification, students must complete training and achieve over 70% on a final test consisting of 70 questions. Students that do not pass the FOA CFOS/D test will receive a certificate of completion by Zayin Fiber Optics.

## **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, PMP®, BICSI RCDD®, CSM®, 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.