Certified Fiber Optic Specialist/Testing (CFOS/T)
ELEC 722
(16 Hours)

COURSE DESCRIPTION

This 2-day (16-hour) program is designed to offer advanced training to anyone involved with the testing and maintenance of fiber optics networks. A focal point in the program is to offer a general, easy to understand, approach to fiber optics testing standards with little theory and considerable hands on activities. This comprehensive program explains the variety of testing standards, equipment and technological approaches used in fiber network testing and splicing and how to choose among them. This 75% hands on course explores the overall spectrum of testing and maintenance of single and multi mode fiber optics networks and provides a detailed overview and demonstration of various pieces of equipment used in testing and maintenance. Subject matter includes a detailed study of ANSI/TIA/EIA-526-14(7)A, OTDR fundamentals and uses, OTDR vs. Insertion Loss Testing, Return Loss Testing, and Attenuation testing using the Power Source and Light Meter. This course is approved by BICSI for 14 RCDD CECs and 12 Installation CECs.

Target Audience: CFOT Course or another Formal Fiber Optics Training Course within preceding 6 months, or 1 Year Fiber Optics Related Experience. Specifically: Experience with fiber preparation, termination, and testing and a thorough knowledge of fiber optic safety practices.

Note: Anyone can attend this program. However, those wishing to become registered with the FOA as a Certified Fiber Optic Specialist in Testing (CFOS/T) must have taken and passed the Basic CFOT Exam which can be administered during this class period. If the student is not a registered CFOT with the FOA, the 100-question exam is available to “test out” of the basic, CFOT Course requirement. The fee for this exam is $145.00.

Maximum Enrollment: 12          Minimum Enrollment: 6

Outline

In this class, participants will learn:

- Program prepares the student to take the Advanced Fiber Optics Certification Exam given at the end of class.

- Student will be able to effectively and efficiently identify fiber network defects, and provide QA (Quality Assurance) procedures to minimize or eliminate future network outages.