Basic Certified Fiber Optic Technician (CFOT)
ELEC 721
(24 Hours)

COURSE DESCRIPTION

This program combines theory and 75% hands-on activities to prepare the student to take the CFOT (Certified Fiber Optics Technician) test that is sanctioned by the FOA (Fiber Optics Association) and given and graded the final class day. This course also introduces the student to industry standards governing FTTD (Fiber To The Desk), FTTH (Fiber To The Home), LAN/WAN fiber networks, and further introduces the student to basic fusion and mechanical splicing. Students will learn how to identify fiber types, recognize various connectors used in fiber installation; and install, terminate, splice, and properly test installed fiber cable to existing standards. This program explores the history and future of fiber optics and fiber optics capabilities, and cost of installation. Standards covered: NECA/FOA-301-2004, EIA/TIA 568-B.3, ANSI/TIA/EIA 607-A, and NEC Article 770-50. This program is approved for BICSI CECs (Continuing Education Credits): RCDD 21, Installer Level/2 Technician 12 CECs.

Target Audience: Anyone interested in becoming a Certified Fiber Optic Technician

Maximum Enrollment: 12  Minimum Enrollment: 6

Outline

In this class, participants will learn:

- Program prepares the student to take the CFOT (Certified Fiber Optics Technician) exam given and graded at the end of class.

- Student will be able to effectively and efficiently install, terminate, and test multimode/single mode fiber optic networks.