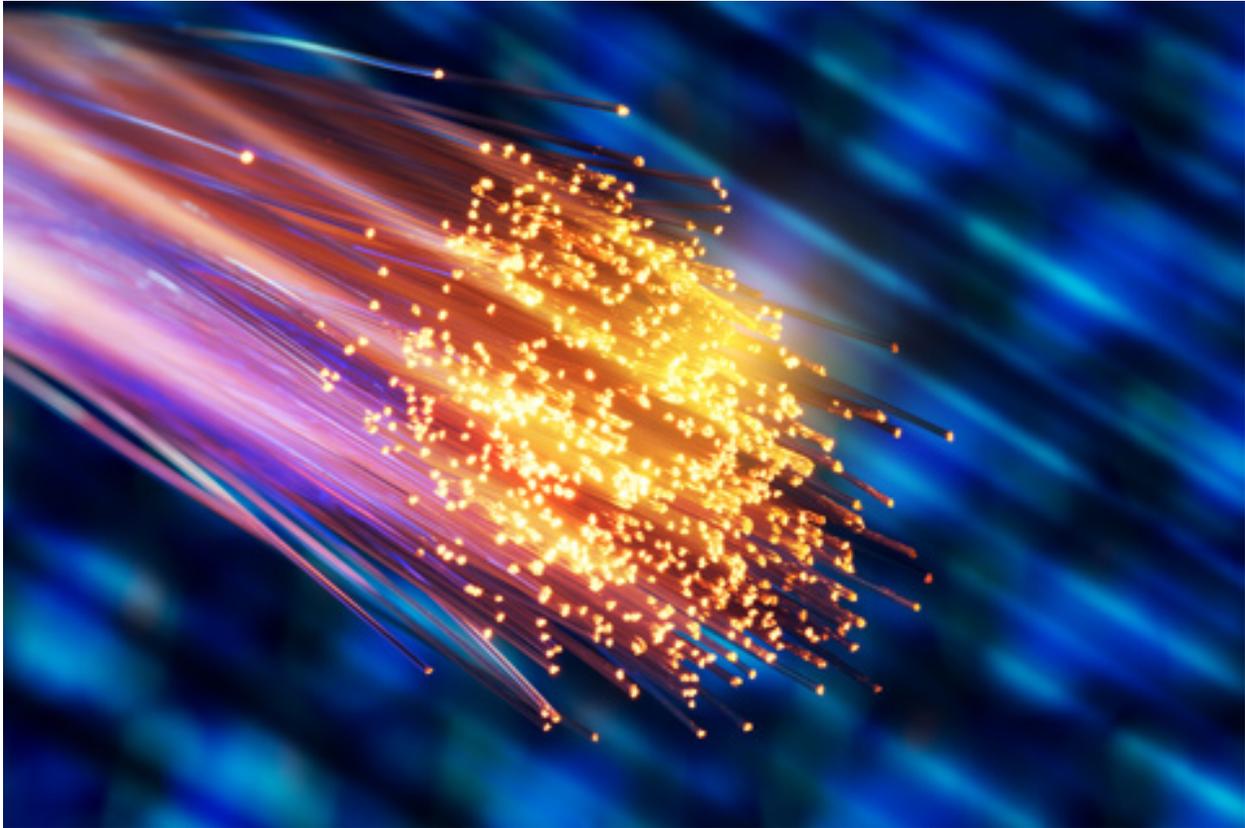


Fiber Optics



[Program Requirements](#)[Search Courses](#)

The Center for Workforce and Community Development at Lee College is excited to inform you about our upcoming Fiber Optics Training opportunities.

In partnership with BDI DataLynk, Lee College Community Education is proud to offer Fiber Optics Network Certification Program on campus. These courses prepare the student to take the CFOT (Certified Fiber Optics Technician) exam, the CFOS/T (Certified Fiber Optics Specialist in Testing and Maintenance) exam, and the CFOS/S (Certified Fiber Optics Splicing Specialist) exam, and the CFOS/O (Certified Fiber Optics Specialist Outside Plant) which are given and graded at the end of the classes.

Who Should Attend

- Current fiber optics technicians and specialists seeking certification
- Current fiber workers who want to expand their technical knowledge
- People who plan to enter the fiber optics field

Benefits

- Concurrent enrollment — You can register and take all three at the same time
- Learn real-world procedures with hands-on training
- Advanced and basic courses taught by Certified Fiber Optics instructors
- Certification from the Fiber Optic Association upon successful completion
- Financial assistance available, up to \$750, for qualified applicants

Our Courses

Certified Fiber Optics Technician (CFOT)

[Certified Fiber Optics Technician \(CFOT\)](#)

This introductory three-day fiber optics course is designed for anyone interested in learning basic fiber optic networking. 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, anyone interested in becoming a Certified Fiber Optics Technician should attend this class.

Cost: \$895

Certified Fiber Optics Specialist/Testing & Maintenance (CFOS/T)

[Certified Fiber Optics Specialist/Testing & Maintenance \(CFOS/T\)](#)

This two-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.

Cost: \$795

Certified Fiber Optics Splicing Specialist (CFOS/S)

[Certified Fiber Optics Splicing Specialist \(CFOS/S\)](#)

This two-day, 16-hour Splicing Specialist Training includes a complete PowerPoint presentation explaining the importance of high-performance splicing and further details the points necessary to achieve these splices. The depth of this presentation is much greater than most textbooks and provides background information about splicing that is very important to the student.

An overview of OTDR functions and trace understanding is also provided during this presentation. 85% hands-on classroom activities will provide training in both fusion and mechanical splicing of either single or multimode fiber optic cables. Inside or outside plant fiber optic cable types will be utilized at instructor's discretion during these hands-on sessions along with fiber optics enclosures and splice trays.

The student will be responsible for successfully making and testing both mechanical and fusion splices. In addition to the basic splicing activities outlined above, the student will further be required to correctly and efficiently install spliced fibers into splice trays and enclosures.

The student will further be required to achieve a splice loss of less than 0.15 dB for all splices and demonstrate proficiency in interpretation of splice loss using OTDR splice traces. This course may be taken immediately after successfully completing the FOA CFOT course.

NOTE: Actual number of hours may vary depending on the number of students.

Prerequisite: FOA CFOT Cours

As of Jan. 1, 2015, the student MUST have successfully passed the basic CFOT course within the preceding 12 months or have renewed their FOA membership within that time frame prior to attending the CFOS/T, CFOS/S, and/or the CFOS/O FOA Specialist courses offered by BDI Datalynk. There are no exceptions.

Students are encouraged to register for all courses being offered at the individual locations with the understanding that the CFOT is the prerequisite for all other courses and it must be successfully completed first prior to attending any of the other "specialist" courses.

Cost: \$795

Certified Fiber Optics Specialist Outside Plant (CFOS/OSP)

Certified Fiber Optics Specialist Outside Plant (CFOS/OSP)

This two-day, 16-hour fiber optics specialist course is for students who will be directly involved with installing Outside Plant (OSP) Fiber Optics Cabling. Prerequisite: CFOT Course or another Formal Fiber Optics Training Course within preceding 6 months, or 1 Year Fiber Optics Related Experience. Must have taken and passed the Basic CFOT Exam prior to registering Specialist Outside Plant Certification (CFOS/O) with the FOA. This course may be taken immediately after successfully completing the CFOT course.

Cost: \$925

Certified Fiber to the Home Specialist (CFOS/H)

Certified Fiber to the Home Specialist (CFOS/H)

This 2-day, Fiber to the Home Specialist course is a comprehensive program to introduce the fiber optics technician to Fiber to the Home architectures being utilized, advantages and disadvantages of each and types of components necessary to complete a FTTH fiber segment.

Upon completion of this course, the student will be familiar with why FTTH is being implemented today, including technical, marketing, and financial justifications. The student will further be familiar with the technical details and attributes of specialized FTTH components, such as splitters/couplers and wavelength-division multiplexers and the requirements for cables, connectors, splices, and associated hardware.

FTTH design and installation requirements will be discussed in detail. The student will be able to successfully install, test, troubleshoot, and maintain FTTH links as a result of real-world, hands-on training sessions. This program prepares the student to take the Certified Fiber to the Home Specialist (CFOT/S) exam given and graded at the end of class. Students will be able to effectively and efficiently install, terminate, and test single-mode FTTH fiber optic networks.

For Fiber Optics Technicians: CFOT certification from the Fiber Optics Association (FOA). This industry-recognized certification demonstrates a thorough understanding of basic fiber optics components, installation, testing, troubleshooting, and maintenance

of fiber optic networks (Inside and Outside Plant). The attending student must have successfully completed the basic, 3-day CFOT course prior to attending this “Specialist” course.

Cost: \$925

Costs for the above courses include course materials provided by the instructor for all classes. (Lunch on your own).

Why Fiber Optics Technician training from Lee College?

- Gain practical working knowledge of fiber optics skills with 85% of class time devoted to hands-on work
- Each class is an exam-prep course for Fiber Optics Association (FOA) certification at one of three levels
- Identify fiber network defects, provide Quality Assurance (QA) procedures to minimize or eliminate future network outages
- Gain skills to build and test a fiber optic LAN network, install, terminate, and test multimode/single-mode fiber optics networks effectively and efficiently

Now is the time to Register! Financial assistance is also available to those who qualify. For questions, assistance with registration or for more information, call 281.425.6311.

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