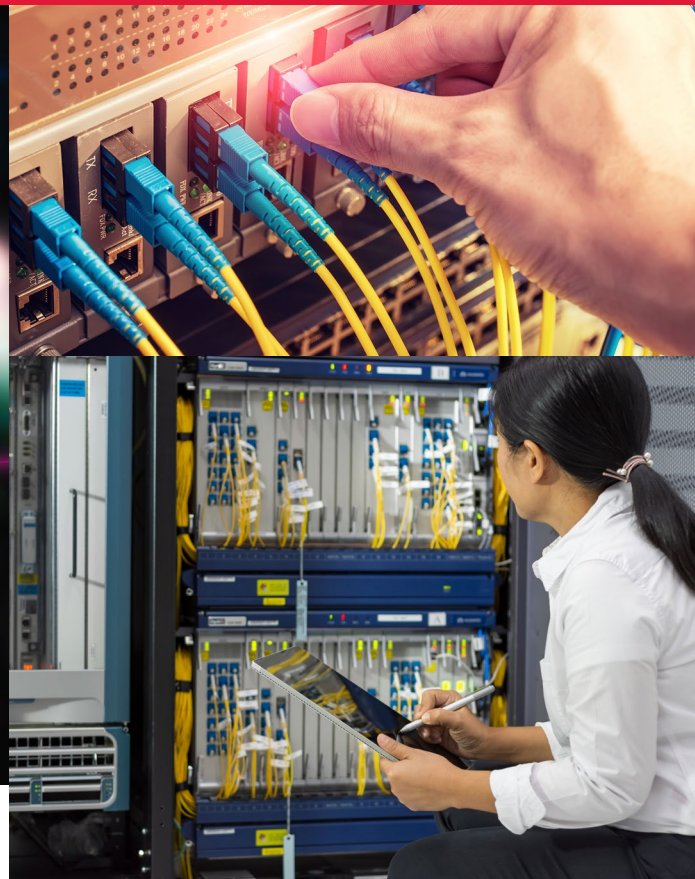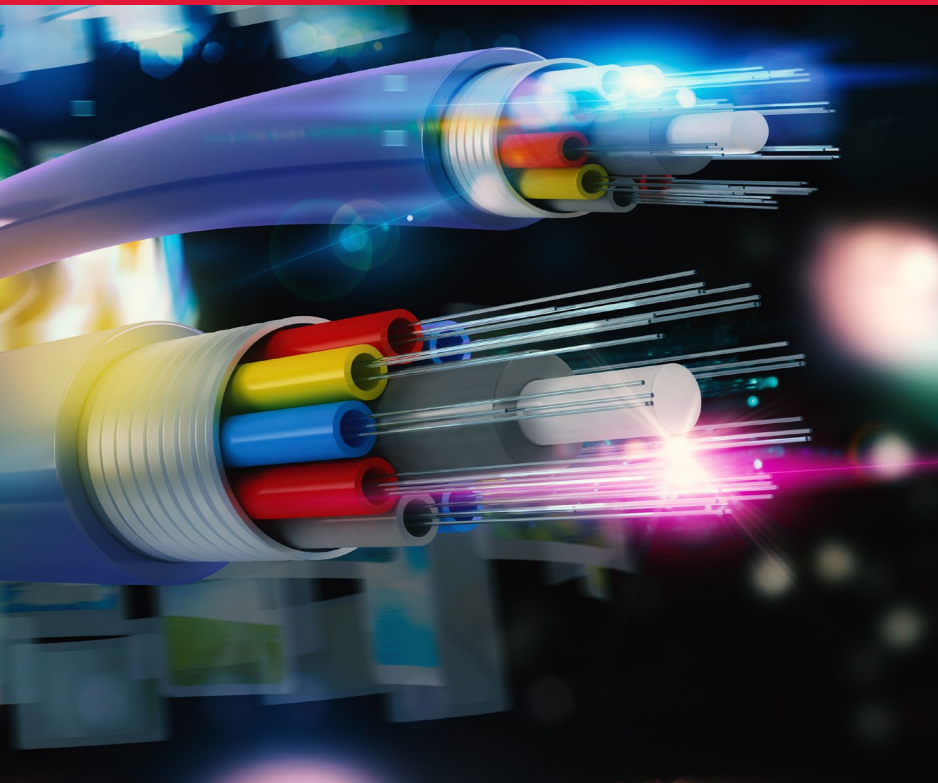# FIBER OPTICS NETWORK CERTIFICATION

Lee College Community Education in partnership with BDI Datalynk is proud to hold their **Fiber Optics Network Certification Courses**. These courses prepare the student to take the Certified Fiber Optics Technician exam, the Certified Fiber Optics Specialist in Testing and Maintenance exam, and the Certified Fiber Optics Specialist/Splicing exam which are given and graded at the end of 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

- Expanded knowledge of fiber optic networking

- Vast hands-on experience gained

- In-depth reference material

- Great student/Instructor ratio

- Saved time and money (all inclusive-course and exam)

LEE COLLEGE

CERTIFIED FIBER OPTICS TECHNICIAN TRAINING

Course Fee: $895

Course Description: This introductory three-day fiber optics course is designed for anyone interested in becoming a Certified Fiber Optic Technician. This Fiber Optic Training combines theory and 85% hands-on activities to prepare the student to take the CFOT (Certified Fiber Optic Technician) test that is sanctioned by the FOA (Fiber Optics Association). This test will be given and graded the final day of class. This course also introduces the student to industry standards governing FTTD (Fiber to The Desk), FTTH (Fiber to The Home), and Distribution Cabling. 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, fiber optics capabilities, basic testing and troubleshooting. Anyone interested in becoming a Certified Fiber Optics Technician should attend this class.

Suggested Prerequisite: Basic working knowledge of computers, the ability to identify small items, and be able to read and speak the English language.

Supplies: Course fee include all study material, exams and 1-year membership to the FOA.

CERTIFIED FIBER OPTICS SPECIALIST IN TESTING AND MAINTENANCE

Course Fee: $795

Course Description: 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. This 85% hands on course explores the overall spectrum of testing and maintenance of single 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-(7)A, OTDR fundamentals and uses, OTDR vs. Insertion Loss Testing, Return Loss Testing, and Attenuation testing using the Power Source and Light Meter.

Prerequisite: The Certified Fiber Optics Technician Training MUST be taken prior to this training or equivalent course within the preceding 6 months, or 1-year Fiber Optics related experience.

Supplies: Course fee include all study material, exams and 1-year membership to the FOA.

For more information, contact Ashley I. Iwunwanne
832.556.5135 or aiwunwanne@lee.edu.

CERTIFIED FIBER OPTICS SPLICING SPECIALIST

Course Fee: $795

Course Description: 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.

Prerequisite: The Certified Fiber Optics Technician Training MUST be taken prior to this training or equivalent course within the preceding 6 months, or 1-year Fiber Optics related experience.

Supplies: Course fee include all study material, exams and 1-year membership to the FOA.

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