SLAYTON SOLUTIONS LIMITED

Description

Training for the Fiber Optic Associations's Certified Fiber Optic Technician (CFOT) certification, sponsored by the Fiber Optic Institute is a combined online training tutorial and a 1 day "nuts and bolts" classroom session covering the basics of fiber optic technology, installation, and test. Building upon the basics of fiber optic transmission, the program moves into cabling and installation considerations, connectors and splicing, data links, and system test.

This comprehensive program emphasizes hands-on, practical applications. Students will construct and test their own fiber optic jumper cables.

CFOT includes a test of the applicant's level of knowledge of fiber optics in a broad-based exam that covers technology, components, installation and testing and requires verified skills in fiber optics. The CFOT examination is given at the end of the session.

Features

• Designed for technicians
• Online tutorial teaches fiber basics – study at your own pace
• 1-day hands-on classroom course
• Fiber termination and testing
• Includes on-site test for CFOT and certification fee
• CFOT certification
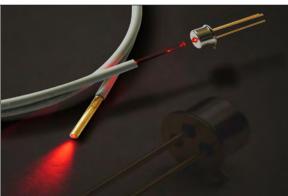• Small, interactive classes
• Expert instructors

What you will learn

• How fiber optics works
• Fiber types and specifications
• Cable types and specifications
• Terminations and splices
• Calculating an optical power budget
• Selecting a data link
• System installation
• Testing and troubleshooting

Student Labs

• How fiber optics works
• Fiber types and specifications
• Cable types and specifications
• Terminations and splicings
• Calculating an optical power budget
• Selecting a data link
• System installation
• Testing and troubleshooting

www.slaytonsolutionsltd.com

Instructors

Dave Engebretson is the founder president of Slayton Solutions Ltd., a Chicago, IL company that provides online and instructor-led training in fiber optics and networking of security equipment. These training programs are certified by the Fiber Optic Association and BICSI. Entering the alarm industry in 1978, Engebretson has designed, sold and serviced central station, fire alarm, CCTV, burglar alarm, and access control systems. He is the contributing technical editor for SDM magazine. Further, Dave is the author of two books, "Technicians Guide to Networking Security Solutions" and "Technician's Guide to Physical Security Networking: Enterprise Solutions".

Ray Coulombe is an affiliate instructor with Slayton Solutions, providing instruction in the networking and fiber optic technologies for security industry practitioners. As Principal Consultant for Gilwell Technology Services, he also provides product and market-related strategic assistance to early stage companies in the physical security and transportation markets. Ray has over 30 years experience in the security, transportation, military and industrial markets. Formerly, Ray was COO and co-founder of SyPixx Networks, acquired in 2006 by Cisco, where he served as Senior Manager, Industry Consulting. He is the co-founder of Core Tec Communications and International Fiber Systems, and has further experience with 3M, Emerson Electric Company, and the United States Air Force. Ray has written and presented numerous papers and articles covering both communications and video technologies and has conducted numerous training courses and seminars on communications. He holds a BSEE from Cornell University, a Masters degree in Management from MIT, and a Master of Science in Information Technology from Rensselaer Polytechnic Institute. He holds the Cisco CCENT CCNA, CCNA Security, ETA ESNT, and Fiber Optic Institute certifications. He is a leading proponent of training and certification programs in the area of network-based physical security.

About Slayton Solutions

Slayton Solutions is the premier provider of network and fiber optic training to the physical security industry. Thousands of industry professionals have been trained and certified by Slayton Solutions.

About the Fiber Optic Association

The Fiber Optic Association has been organized as a international non-profit professional society for the fiber optic industry. Its charter is to develop educational programs, certify fiber optic technicians, approve fiber optic training courses, participate in standards-making processes and generally promote fiber optics. The FOA has certified over 29,000 CFOTs (Certified Fiber Optic Technicians) through over 250 approved training organizations worldwide. CFOT includes a test of the applicant's level of knowledge of fiber optics in a broad-based exam that covers technology, components, installation and testing and requires verified skills in fiber optics. For more information, visit www.thefoa.org.

Slayton Solutions
1622 N. Wolcott Ave.
Chicago IL 60622-1322 USA
312-224-8127
slaytonsolutions@sbcglobal.net
www.slaytonsolutionsltd.com