Training

KITCO
fiber optics

OUR COMPANY

KITCO Fiber Optics is a leading provider of fiber optic connectorization products and consulting services to the military and commercial communications industry. We specialize in the design and fabrication of fiber optic tools, tool kits and custom cable assemblies. We also produce private label kits for a number of major connector manufacturers and sell our own broad line of products. Our field services division performs on-site termination, splicing, troubleshooting and testing support, and our training division provides hands-on training and certification programs.

We are recognized within the defense industry as fiber optic connectivity experts, and for over 10 years have customized our products and services to meet strict military standards. We work with and support major defense contractors and government agencies such as AMSEC, Boeing, General Dynamics, L3 Communications, Lockheed Martin, NASA, Northrop Grumman and the U.S. Armed Forces.

OUR MISSION

Our mission is to be the leading provider of fiber optic connectorization products, training and services to the military and commercial communications industry. We will do this by exceeding our customers' expectations for service, quality and responsiveness in a way that also benefits our employees, our suppliers and our community.

photography by Kevin Opple

Training Overview

KITCO's superior hands-on training is designed and delivered by the fiber optic experts and can affordably have you up to speed and certified in a week or less! Our trainers have exceptional credentials including advanced industry certifications, substantial field experience and over 100 years of combined direct classroom experience. We have trained thousands of students worldwide on terminating, splicing and testing fiber systems. KITCO's state-of-the-art training facility is located in our headquarters in Virginia Beach, Virginia and provides a comfortable learning environment featuring the most advanced equipment available. In addition, our West Coast presence serves San Diego and the surrounding area. Our established mobile training services provide the ability to train at your desired location–anywhere in the world–customizing and tailoring our courses to meet your training requirements.

Commercial Training

We are proud to be one of the nation's premier providers of certified commercial fiber optic training. Our courses are industry recognized and approved for BICSI Cabling Installation Program Continuing Education Credits (CEC's) and certifications by 3M, ACTERNA, Delphi Connection Systems, KITCO and NETTEST. Industry standards including those of the Telecommunications Industry Association/Electronic Industries Alliance (TIA/EIA) and the National Electrical Code (NEC) are incorporated into KITCO's courses. Students are offered the option of taking the Electronics Technicians Association (ETA) Certified Fiber Optic Installer (CFOI) and the Certified Fiber Optics Technician (CFOT) exams.

Military

KITCO develops curriculum and provides training worldwide for the U.S. Armed Forces and we are privileged to continue to serve as the U.S. Navy's sole shipboard fiber optic trainer. Over the last decade our KITCO instructors have worked closely with shipyard and Navy personnel terminating and testing fiber optic topologies aboard U.S. Navy ships and submarines. In addition, our instructors collaborated on the design of termination and testing equipment currently specified in MIL-STD-2042B (SH) sections 5 and 6 (the standard governing the use of fiber on U.S. Navy ships). Using this experience we provide the only commercially available shipboard training course that teaches fiber principles in strict adherence to Navy standards, and we are working closely with the U.S. Army and Marine Corps to develop battlefield maintenance and fiber optic support training.

Contents

Student Testimonials

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I've been an instructor for the Navy and have gone through several Navy courses. This was **one of the best**. I learned more in one week here than I did in multiple weeks in other courses. Keep up the good work. Thanks!

All topics for this course were taught on a very personal level and easy for anyone to understand. The class environment was **fun**; I greatly enjoyed the teaching style. I've never had such an easy time learning.

Best class ever! Frankie was the best instructor ever—very knowledgeable about fiber optics, very **enthusiastic and friendly**.

The course was very easy to understand. The labs were very helpful. **The instructor was willing to stay after class** if any additional instruction was required.

This course was both challenging and instructive. This is exactly what I wanted. The methods, both the hands-on and the instructor's methods were outstanding—**well worth the cost.**

Instructor's training style made it more helpful for me to learn the material. I enjoyed the course greatly. **Labs were very helpful** to learn the material and I appreciated the instructor's desire for our success!

Enjoyed the course. I feel that the instructor did a great job of teaching the course. He was very knowledgeable of all the material covered, made the class fun and **entertaining but meaningful at the same time.**

The instructor-to-student-ratio is better than most training environments. Knowledgeable instructors who have the ability to teach at a basic level of understanding.

The instructor was extremely knowledgeable and very willing to explain any questions the class had. His teaching skills are outstanding; he knows how to keep things fun and interesting as well as put things in a way that allows an average person to understand. I thoroughly enjoyed and would **recommend this class to anyone wishing to be certified in this field**.

The course was **very detailed in all aspects… best school I have been to** in my naval career. I feel confident in working with fiber optic cables on my ship.

The instructor was outstanding. **The most I have ever learned in a Navy class.** For the first time I feel that I can fully complete the skill sets learned in the fleet. I am looking forward to sending my sailors to this class in the future.

Mr. Hans Berg is one of the best instructors I've had. The fact that he enjoys what he does is what **makes me want to learn**. Wish more instructors could show that much pride in what they do.

Scott is by far the **best instructor I've had** in the military. Considering all of the information required and the amount of time, this class was fun. Fun = better learning. Thank you!

Mr. Barks is undoubtedly the SME for fiber. **Outstanding job!**

The instructor was very knowledgeable about the subject and made it easily understandable, even for people like me with no prior experience. **The hands-on nature of this class is great!**

"

Certified Installer Course

24 HOUR COURSE

COURSE OVERVIEW:

Our mission is to provide our students with the hands-on knowledge and ability to successfully install and test fiber optic cables and systems. Students will terminate a variety of ST and SC (standards based) connectors and will be trained in performing mechanical splices. They will test and troubleshoot using a Light Source and Power Meter and a Visual Fault Locator (VFL). They will also be introduced to the principles of fusion splicing and the use of an Optical Time Domain Reflectometer (OTDR).

WHO SHOULD ATTEND:

Anyone involved in design, configuration, installation, testing, troubleshooting, or fiber optic system maintenance: technicians, system analysts, design engineers, managers, telecommunication professionals, etc.

RECOMMENDED PREREQUISITES:

None.

At KITCO, our instructors are 3M factory trained technicians and we understand the need to provide you with recognized industry certified training. Our Three Day Certified Installer Course will qualify you for the certifications noted.

ETA CFOI CERTIFICATION (OPTIONAL): Students are offered the option of taking the Electronics Technicians Association (ETA) Certified Fiber Optic Installer (CFOI) exam for an additional fee of $150.00. Upon successful completion, you will be certified as an ETA Certified Fiber Optics Installer.

PRICE: $1,155.00
ALL COURSE MATERIAL AND TOOL KIT INCLUDED
ETA TESTING (CFOI): $150.00

Certified Technician Course

40 HOUR COURSE

COURSE OVERVIEW:

Our mission is to provide our students with the hands-on knowledge and the ability to successfully terminate a variety of ST, SC, FC and Small Form Factor (SFF) connectors; perform fusion splicing, mechanical splicing, and assemble a splice enclosure. Students will perform cable preparation for fusion and mechanical splicing. Additionally, students will be trained to fully test and troubleshoot fiber optic cables and fiber optic systems using an Optical Time Domain Reflectometer (OTDR).

WHO SHOULD ATTEND:

Anyone involved in design, configuration, installation, testing, troubleshooting, or fiber optic system maintenance: technicians, system analysts, design engineers, managers, telecommunication professionals, etc.

RECOMMENDED PREREQUISITES:
None.

At KITCO, our instructors are 3M factory trained technicians and we understand the need to provide you with recognized industry certified training. Our Five Day Certified Technician Course will qualify you to receive the certifications noted.

ETA CERTIFICATION(S): Electronics Technicians Association (ETA) exams are optional; they offer a great opportunity to become certified in a relatively short time. At the completion of day three, we can administer the ETA Certified Fiber Optic Installer exam for an additional fee of $150.00. Then, at the completion of day five, for an additional fee of $150.00, we can administer the ETA Certified Fiber Optic Technician exam.

PRICE: $1,655.00
ALL COURSE MATERIAL AND TOOL KIT INCLUDED
ETA TESTING (CFOI): $150.00
ETA TESTING (CFOT): $150.00

IN ORDER TO BECOME CERTIFIED AS A FIBER OPTIC TECHNICIAN,
YOU MUST PASS BOTH THE CFOI AND THE CFOT EXAM.

CERTIFICATIONS

This course will qualify you for:

BICSI:
CEC's
(Continuing
Education
Credits)

KITCO:
Completion
Certificate

3M:
Factory
Certificate

*ETA CFOI/CFOT
CERTIFICATION:*
(Optional)

*NETTEST
OR
ACTERNA:*
Completion
Certificate

Fusion Splicing Course

8 HOUR COURSE

COURSE OVERVIEW:

Our training program is designed to provide our students with the hands-on knowledge and ability to successfully perform fusion splicing and mechanical splicing. Additionally, students will be trained to dress-in cables and assemble a splice enclosure.

WHO SHOULD ATTEND:

Anyone involved in design, configuration, installation, testing, troubleshooting, or fiber optic system maintenance: technicians, system analysts, design engineers, managers, telecommunication professionals, etc.

RECOMMENDED PREREQUISITES:

3-Day Installer Course.

At KITCO, we understand the need to provide you with recognized industry certified training. Our 1-Day Fusion Splicing Course will qualify you for the certifications noted.

PRICE: $395.00
ALL COURSE MATERIAL INCLUDED

OTDR Training/ Troubleshooting

8 HOUR COURSE

COURSE OVERVIEW:

Our mission is to provide our students with the hands-on knowledge and ability to successfully operate an Optical Time Domain Reflectometer (OTDR) to fully test and troubleshoot fiber optic cables and fiber optic systems. Students will test and troubleshoot fiber optic links with various faults. Through this OTDR training course, they will also be able to calculate a loss budget for the fiber optic links being tested.

WHO SHOULD ATTEND:

Anyone involved in design, configuration, installation, testing, troubleshooting, or fiber optic system maintenance: technicians, system analysts, design engineers, managers, telecommunication professionals, etc.

RECOMMENDED PREREQUISITES:
3-Day Installer Course.

At KITCO, we understand the need to provide you with recognized industry certified training. Our 1-Day OTDR Training will qualify you for the certifications noted.

PRICE: $395.00
ALL COURSE MATERIAL INCLUDED

CERTIFICATIONS

This course will qualify you for:

BICSI: CEC's (Continuing Education Credits)

NETTEST OR ACTERNA: Completion Certificate

KITCO: Completion Certificate

ETA Re-Certification/ Refresher Course

16 HOUR COURSE

COURSE OVERVIEW:

The goal of our fiber training is to provide our students with the hands-on knowledge and ability to successfully complete the Electronics Technician Association (ETA) Certified Fiber Optic Installer (CFOI) examination. Students will be refreshed in Fiber Optic Theory, hands-on termination of ST and SC connectors and how to assemble a mechanical splice. Additionally, students will be familiarized with Small Form Factor (SFF) connectors and current Telecommunications Industry Association/Electronics Industry Alliance (TIA/EIA) standards. Students will also be refreshed in link loss testing using a Light Source and Power Meter.

WHO SHOULD ATTEND:

Anyone who was a Certified Fiber Optic Installer (CFOI) and is not currently working in Fiber Optics but wishes to become a current CFOI. Or anyone who is lacking the ETA required 24 classroom hours of additional Fiber Optic Training.

RECOMMENDED PREREQUISITES:

3 Day Certified Installer Course,
5 Day Certified Technician Course or
5 Day Certified Shipboard Course.

At KITCO, we understand the need to provide you with recognized industry certified training. Our 2-Day ETA Re-Certification Course will qualify you for the certifications noted.

ETA (ELECTRONICS TECHNICIANS ASSOCIATION) CERTIFICATION: For an additional fee of $150.00, we will administer the ETA Fiber Optic Installer (CFOI) examination. Upon successful completion, you will be certified as an ETA Certified Fiber Optics Installer.

PRICE: $595.00
ALL COURSE MATERIAL INCLUDED
ETA TESTING (CFOI): $150.00

FORMER KITCO STUDENTS RECEIVE THE FOI EXAM FREE

Hermaphroditic Connector Course

16 HOUR COURSE

Delphi's Harsh Environment Hermaphroditic Fiber Optic Connectors provide consistent optical performance when utilized in the harshest environments. They are available in 4, 6, and 12-channel configurations for both military and commercial applications. Military applications include pierside connectivity (ViViD) and tactical field use.

COURSE OVERVIEW:

KITCO's 2-Day course is designed to meet the requirements of both military and commercial applications. Our mission is to provide our students with the hands-on knowledge and ability to successfully terminate and test a hermaphroditic connector.

WHO SHOULD ATTEND:

Anyone involved in design, configuration, installation, testing, troubleshooting, or fiber optic system maintenance: technicians, system analysts, design engineers, managers, telecommunication professionals, etc.

RECOMMENDED PREREQUISITES:

5-Day Certified Military (Shipboard) Course or
5-Day 38999 Connector Course strongly recommended.

At KITCO, we understand the need to provide you with recognized industry certified training. Our 2-Day Hermaphroditic Connector Course will qualify you for the certifications noted.

PRICE: $1,595.00
ALL COURSE MATERIAL INCLUDED

KITCO training

Certified Military/ Shipboard Course

40 HOUR COURSE

Our Five Day Shipboard Fiber Optics Course has been approved by NETC as an equivalent to their Fiber Optic Maintenance Technician Course (A-670-0063). KITCO is the Navy's exclusive provider of this course which is taught for the Navy at various Naval Bases and fleet concentration centers around the world in strict adherence to MIL-STD-2042B (SH) and NSTM-408. All our instructors have real world experience having spent literally thousands of hours terminating, splicing and testing fiber optic cable systems on over 200 U.S. Navy ships and submarines. This course is the most comprehensive, hands-on shipboard fiber optic training available anywhere!

COURSE OVERVIEW:

Students who successfully complete our training course will have the experience and confidence to terminate Single Terminus (ST) and Multiple Terminus (MT) connectors, COTS SC connectors, test, troubleshoot and analyze shipboard fiber optic systems in accordance with MIL-STD-2042B(SH).

WHO SHOULD ATTEND:

Anyone involved in the installation of fiber optic components, testing and troubleshooting on Naval surface ships and submarines.*

RECOMMENDED PREREQUISITES:
None.

At KITCO, we understand the need to provide you with recognized industry certified training. Successful completion of the five day course and test qualifies you to receive the certifications noted.

ETA CFOI CERTIFICATION (OPTIONAL): Students are offered the option of taking the Electronics Technicians Association (ETA) Certified Fiber Optic Installer (CFOI) exam for an additional fee of $150.00. Upon successful completion, you will be certified as an ETA Certified Fiber Optics Installer.
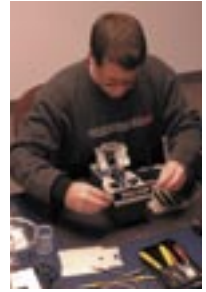
PRICE: $2,355.00
ALL COURSE MATERIAL AND TOOL KIT INCLUDED
ETA TESTING (CFOI): $150.00

*Proof of Nationality required. Available to U.S. Citizens and Greencard Holders only—per regulations of the U.S. Department of Defense.

Aviation Course

40 HOUR COURSE

COURSE OVERVIEW:

Our Aviation Fiber Optic Course is designed to meet the requirements of both military and commercial aircraft. KITCO's training is modularized so that it can be tailored to your particular platform and connector type. This course is industry recognized and approved for BICSI Cabling Installation Program Continuing Education Credits (CEC's). Industry standards including those of the Telecommunications Industry Association/Electronics Industries Alliance (TIA/EIA) and the National Electrical Code (NEC) are incorporated into the training and students are offered the option of taking the Electronics Technicians Association (ETA) Certified Fiber Optic Installer (CFOI) exam. As an additional option, we offer the brand-new ETA Certified Fiber Optic Fabricator (SAEFAB) exam. Upon successful completion you will be certified as an ETA Certified Aerospace Fiber Optic Fabricator. This course is also designated to meet the requirements of NAVAIR 01-1A-505.4 Manual.

WHO SHOULD ATTEND:

Our course is designed for those students who will be installing and maintaining fiber optic systems and equipment on commercial and military aircraft. After completing this course, each student will be able to successfully install, test and troubleshoot fiber optic cables and systems onboard aircraft. Students will become proficient in the termination processes for a variety of connectors used in the commercial aviation sector as well as the military aerospace program.*

RECOMMENDED PREREQUISITES:
None.

Successful completion of the five day course and test qualifies you to receive the certifications noted.

ETA SAEFAB EXAM (OPTIONAL): For an additional fee of $175.00 we will administer the (brand new) ETA Certified Fiber Optic Fabricator (SAEFAB) exam. Upon successful completion, you will be certified as an ETA Certified Aerospace Fiber Optic Fabricator.

CERTIFICATIONS

This course will qualify you for:

BICSI:
CEC's (Continuing Education Credits)

KITCO:
Completion Certificate

ETA SAEFAB CERTIFICATION:
(Optional)

PRICE: $2,295.00
ALL COURSE MATERIAL INCLUDED
ETA TESTING (SAEFAB): $175.00

*This course can also be customized to your connectors and fiber type. If tailored to your needs, price change may occur.

Tactical Fiber Optic Cable Assembly Course

40 HOUR COURSE

Our Five Day Tactical Fiber Optics Course is designed for personnel who are responsible for maintaining tactical fiber optic cable reel assemblies. This course is similar to the program we developed for the U.S. Army's Patriot System Fiber Optic Repair course taught at USAOMEMS in Ft Bliss, TX, and is taught in strict adherence to MIL-STD-2042B(SH). All our instructors have real world experience having spent literally thousands of hours terminating, splicing and testing fiber optic cable systems.

COURSE OVERVIEW:

Students who successfully complete our training course will have the experience and confidence to terminate Single Terminus (ST), Multiple Terminus (MT) connectors, Biconic Connectors and 4-channel M83526 connectors. Students will also learn to properly inspect, test, troubleshoot and repair tactical fiber optic cable reel assemblies in accordance with MIL-STD-2042B (SH) using Optical Time Domain Reflectometers, Light Source and Power Meters and Visual Fault Locators. Students will also learn to repair damaged cable by removing the bad cable, fusion splice the cable together and protect it with a splice protection sleeve and splice enclosure.

WHO SHOULD ATTEND:

Anyone involved with the installation of fiber optic components, testing, and troubleshooting harsh environment tactical fiber optic cable assemblies.*

RECOMMENDED PREREQUISITES:
None.

At KITCO, we understand the need to provide you with recognized industry certified training. Successful completion of the five day course and test qualifies you to receive the certifications noted.

ETA CFOI CERTIFICATION (OPTIONAL): Students are offered the option of taking the Electronics Technicians Association (ETA) Certified Fiber Optic Installer (CFOI) exam for an additional fee of $150.00. Upon successful completion, you will be certified as an ETA Certified Fiber Optics Installer.

PRICE: $2,295.00
ALL COURSE MATERIAL INCLUDED
ETA TESTING (CFOI): $150.00

*Proof of Nationality required. Available to U.S. Citizens and Greencard Holders only—per regulations of the U.S. Department of Defense.

38999 Connector Course

40 HOUR COURSE

COURSE OVERVIEW:

Our 38999 Connector Course is designed to meet the requirements of both military and commercial aircraft, as well as installs onboard ships. Students will terminate a variety of ST, SC and FC connectors as well as M29504/4 and M29504/5 termini pins and sockets. This course is industry recognized and approved for BICSI Cabling Installation Program Continuing Education Credits (CEC's). Industry standards including those of the Telecommunications Industry Association/ Electronics Industries Alliance (TIA/ EIA) and the National Electrical Code (NEC) are incorporated into the training and students are offered the option of taking the Electronics Technicians Association (ETA) Certified Fiber Optic Installer (CFOI) exam.

WHO SHOULD ATTEND:

Our course is designed for those students who will be installing and maintaining fiber optic systems and equipment on commercial and military aircraft, as well as installs on ships. After completing this course, each student will be able to successfully install, test and trouble-shoot fiber optic cables and systems onboard aircraft. Students will become proficient in the termination processes for a variety of connectors used in the commercial aviation sector as well as the military aerospace program. This course is also designated to meet the requirements of the NAVAIR 01-1A-505.4 Manual.

RECOMMENDED PREREQUISITES:
None.

Successful completion of the five-day course and test qualifies you for the certifications noted.

ETA CFOI CERTIFICATION (OPTIONAL): For an additional fee of $150.00 we will administer the ETA Certified Fiber Optic Installer (CFOI) exam. Upon successful completion you wil be certified as an ETA Certified Fiber Optic Installer.

PRICE: $2,295.00
ALL COURSE MATERIAL INCLUDED
ETA TESTING (CFOI): $150.00

Blown Optical Fiber (BOF) Installation Course

16 HOUR COURSE

COURSE OVERVIEW:

This course provides the student with the history and development of the BOF technology, discusses the advantages and applications of BOF and establishes the "hands-on" experience necessary to properly set up and use the special equipment associated with BOF. Each student will set up the BOF equipment, perform specific maintenance functions on the equipment, and conduct a pre-installation BOF pressure test and projectile test. Once these tests are completed, each student will successfully blow four fibers into the BOF cable plant and perform a seal verification test on a pre-existing terminated BOF cable plant. This module provides each student with the unique experience of troubleshooting an existing BOF cable plant with various pre-installed faults. Each student is required to determine the probable causes and correct the problems.

The course will also provide the student with "hands-on" instruction in the techniques and requirements for forming, shaping and routing Blown Optical Fiber (BOF) cable into Tube Routing Boxes (TRBs) and Distribution Boxes (DBs). Topics include: cable entrance to equipment (TRB and DUs), tube forming and shaping, interconnection organization, cable slack requirements, internal tube routing, box marking, BOF tube bend diameters, BOF tube end terminating (hands-on), multiple cable penetrators, nylon stuffing tubes, BOF outer jacket stripping exercise and use of tools (hands-on), forming and shaping into a TRB and DU (hands-on), installation of tube couplers and tees (hands-on), installation of jumpers (hands-on), sealing of BOF tube cables (hands-on) and protection from mechanical damage requirements.

WHO SHOULD ATTEND:

Anyone involved in the installation, maintenance, design, testing or troubleshooting of Blown Optical Fiber topologies onboard U.S. Naval Ships and/or U.S. Naval Submarines or personnel working in the commercial sector involved with any aspect of Blown Optical Fiber Topologies. Technicians and supervisors, who are employed by companies that hold a lease agreement with General Cable to install General Cable's Blown Optical Fiber Tubing, Cable and Fiber. General Cable holds the master license and requires all companies holding lease agreements with them to ensure that their technicians involved in the installation process of Blown Optical Fiber be certified by attending a 2-Day Installation Course offered solely by KITCO Fiber Optics.

RECOMMENDED PREREQUISITES:

None.

At KITCO, we understand the need to provide you with recognized industry certified training. Successful completion of the Blown Optical Fiber Installation Course qualifies you to receive the certifications noted.

PRICE: $1,700

FLAT FEE FOR A GROUP OF UP TO 12 PARTICIPANTS (SAME COMPANY)
ALL COURSE MATERIAL AND LICENSES ARE INCLUDED

DATES: UPON REQUEST. CALL US AT
1-866-643-5220 OR
757-216-2222

MIL-STD 2042 Installation Supervisor/Inspector Seminar

16 HOUR COURSE

COURSE OVERVIEW:

Our mission is to provide your organization with the knowledge and capability to successfully supervise and inspect the onboard installation of military approved fiber optic components in accordance with MIL-STD 2042B (SH) and NAVSEA standard item #009-73.

The purpose of this seminar is to establish an understanding of the requirements and standards for installation of fiber optic components onboard military platforms in accordance with MIL-STD 2042B (SH). This will insure quality of workmanship being applied to fiber optic systems being installed on naval ships. Additionally, we will discuss current commercial "COTS" standards as they pertain to cable construction and testing criteria. Those in attendance will also have "hands-on" experience using Navy approved optical test equipment. Test equipment to include: Visual Fault Locators (VFLs), Light Source & Power Meters and Optical Time Domain Reflectometers (OTDRs). Lectures will include: Fiber Optic Theory, Fiber Optic Link Topology, Light Propagation, Fiber and Cable Types, Safety, Blown Optical Fiber (BOF), and Testing.

A breakdown of the MIL-STD 2042 will instruct your organization on the "do's and don'ts" during and after installations. Participants will be taught proper testing techniques and methodology. Actual pictures will be shown depicting proper and improper installs on Navy ships that demonstrate why a MIL-STD is needed and the short and long-term effects they will have on the fleet.

WHO SHOULD ATTEND:

Anyone charged with the supervision or inspection of fiber optic installations with military fiber optic products, designers, planners, Supervisors of Ships (SUPSHIP), inspectors and Quality Assurance (QA) personnel.

RECOMMENDED PREREQUISITES:
None.

At KITCO, we understand the need to provide you with recognized industry certified training. Our 2-Day MIL-STD 2042B (SH) Installation Supervisor/Inspector Seminar will qualify you for the certifications noted.

CERTIFICATION

This course will qualify you for:

KITCO:
Completion Certificate

PRICE:
$395.00 PER STUDENT

$1,700.00 FLAT FEE OF FOR A GROUP OF UP TO 12 PARTICIPANTS (SAME COMPANY)
ALL COURSE MATERIAL INCLUDED

ETA Certification

ETA (ELECTRONICS TECHNICIANS ASSOCIATION)

Since 1978, the Electronics Technicians Association, International (ETA) has certified thousands of electronics technicians worldwide who excel in areas of electronics installation, service and support. An electronics technician who successfully passes an ETA certification program is professionally recognized as having the ability to uphold the necessary de facto electronics industry standards.

The ETA is an independent electronics certification and testing organization dedicated to serving the needs and interests of electronics technicians worldwide.

ETA FIBER OPTIC INSTALLER CERTIFICATION

ETA's Fiber Optics Installer Certification (FOI) Program represents the fiber industry's most advanced and comprehensive method of certifying technicians in the world's fastest growing field: Fiber Optics Installation.

ETA certified technicians are professionally recognized as having the necessary knowledge and technical skills to meet international de facto electronics industry standards. Wearing CFOI after your name implies that you are a skilled artisan. Businesses displaying CFOI Certificates provide customer assurance. CFOI's get hired first by thousands of employers.

ETA CERTIFIED FIBER OPTIC TECHNICIAN CERTIFICATION

An electronics technician who successfully passes an ETA certification exam is recognized as having the necessary knowledge and technical skills to meet international standards. ETA Certified Technicians are on the fast track when it comes to employment and professional advancement. They are recognized worldwide.

ETA RECERTIFICATION

Having met the requirements of the ETA Fiber Optics Installation Certification, it must be renewed every four years. ETA certification is awarded to individuals, not organizations or institutions. Your certification is personal and is a professional accomplishment. If you leave any organization or institution, you retain your certification along with all its benefits.

EXAM FEES

Both the Fiber Optics Installer Certification and the Technician Certification are valid for 4 years and cost $150.00 each.

TO LEARN MORE ABOUT THE ETA

http//:www.eta-i.org

Customize Your Course

TRAINING REQUIREMENTS

We will customize any of our training courses and tailor them to meet your training requirements. Call us to discuss your training requirements and to request a quote. Whether you require Blown Optical Fiber Training, termination instruction for LC or 3M Hot Melt connectors or training procedures for ribbon fiber or fan-out kits, we can accommodate your needs and customize your training.

ON SITE TRAINING

With our established mobile training services, we have the ability to train at your location, anywhere in the world! Any of our fiber optic termination training courses can be taught at your facility to meet your requirements and schedule. We provide a full line of tool kits and test equipment for training, but if you require training on your equipment our instructors can train your technicians using your tools, kits and test equipment. We can tailor any of our training courses to meet your schedule and operational requirements, from 1 day to 1 week, 2 weeks, or longer. By sending our instructors to your location, you can eliminate travel expenses incurred by sending your employees to our facility for training. We can also train your technicians after your normal business hours. We are flexible to meet your training needs!

PRICE: QUOTES BY REQUEST
TRAINING@KITCOFO.COM
1-866-643-5220
757-518-8100

Group Discounts

	1 to 2 Participants	3 to 6 Participants	7 to 9 Participants	10 to 12 participants	13+ Participants
Discount per person	0%	8%	10%	12%	15%
Fusion Splicing	$395.00	$363.40	$355.50	$347.60	$335.75
OTDR	$395.00	$363.40	$355.50	$347.60	$335.75
ETA Refresher	$595.00	NO DISCOUNT	NO DISCOUNT	NO DISCOUNT	NO DISCOUNT
Hermaphroditic	$1,595.00	$1,467.40	$1,435.50	$1,403.60	$1,355.75
Certified Installer	$1,155.00	$1,062.60	$1,039.50	$1,016.40	$981.75
Certified Technician	$1,655.00	$1,522.60	$1,489.50	$1,456.40	$1,406.75
Certified Military	$2,355.00	$2,166.60	$2,119.50	$2,072.40	$2,001.75
38999	$2,295.00	$2,111.40	$2,065.50	$2,019.60	$1,950.75
Aviation	$2,295.00	$2,111.40	$2,065.50	$2,019.60	$1,950.75
Tactical Fiber Optic Cable Assembly	$2,295.00	$2,111.40	$2,065.50	$2,019.60	$1,950.75
MIL-STD 2042 Seminar	NO DISCOUNT	NO DISCOUNT	NO DISCOUNT	NO DISCOUNT	NO DISCOUNT
Blown Optical Fiber Seminar	NO DISCOUNT	NO DISCOUNT	NO DISCOUNT	NO DISCOUNT	NO DISCOUNT

ALL PRICES ARE IN U.S. DOLLARS. DISCOUNTS APPLY, IF ALL PARTICIPANTS ARE ON THE SAME PURCHASE ORDER. THE DISCOUNTS ARE ONLY GRANTED ON THE COURSE COSTS AND DO **NOT** INCLUDE TRAVEL ARRANGEMENTS, SHIPPING COSTS OR ETA EXAMS.

Course Registration

COURSE REGISTRATION: Please note that our classes fill up quickly. We recommend that you register no later than four weeks prior to the course start date to ensure a space. Acceptance of registration is subject to availability. One form is required to be completed per student, per course.

PERSONAL INFORMATION:
Name(First/MI/Last)
Address
City _____ State _____ Zip _____
Phone _____ Fax _____ Email _____

COMPANY INFORMATION:
Supervisor/Manager
Job Title
Address
City _____ State _____ Zip _____
Phone _____ Fax _____ Email _____

SCHEDULED COURSE
DATE: _____

COURSE LOCATION:
☐ KITCO Fiber Optics, Virginia Beach, VA
☐ On-Site Location: _____
T-SHIRT SIZE (M-XXL): _____
CERTIFICATION FEES:
☐ ETA FO Installer Examination $150.00
☐ ETA FO Technician Examination $150.00
☐ ETA SAEFAB Exam $175.00

PAYMENT OPTIONS:
A registration fee of $150.00 (applicable towards course tuition) must accompany your signed copy of the registration form. PAYMENT IN FULL is due two weeks prior to course start date.

COURSE:

☐ Fusion Splicing Course	$395.00
☐ OTDR Training/Troubleshooting Course	$395.00
☐ ETA Re-Certification/Refresher Course	$595.00
MIL-STD 2042 Installation	
☐ Supervisor/Inspector Seminar (individual)	$395.00
☐ (Group of up to 12, same company)	$1,700.00
☐ Hermaphroditic Connector Course	$1,595.00
☐ Certified Installer Course	$1,155.00
☐ 38999 Connector Course	$2,295.00
☐ Certified Military Course/Shipboard Course	$2,355.00
☐ Certified Technician Course	$1,655.00
☐ Tactical Fiber Optic Cable Assembly Course	$2,295.00
☐ Aviation Course	$2,295.00
☐ Blown Optical Fiber (BOF) Installation Course	
(Flat fee, group of up to 12, same company)	$1,700.00
☐ Custom Course	$per quote

☐ Check Enclosed (Please make payable to KITCO Fiber Optics)
☐ Bill me: Reference PO#_____ (Upon Approved Credit; Please attach Purchase Order)
☐ Credit Card: ☐ VISA ☐ MC ☐ AmEx ☐ Disc.Card # _____ Exp._____
Cardholder Name (please print)_____
Cardholder Signature_____
Please Check One: ☐ Personal Credit Card ☐ Company / Government Credit Card
Amount to be charged to credit card_____ VISA/MC 3 Digit Security Code_____

A full refund will be allowed if a written cancellation notice is received by KITCO at least ten business days prior to the course start date. Registrants who do not attend or do not cancel ten business days in advance are responsible for the registration fee of $150.00; you may transfer your registration to a later date within four months provided the course fee has been paid in full. Substitutions will be allowed at any time prior to the course commencement. When credit is extended our terms are Net 30. Accounts delinquent beyond terms will be charged interest at the rate of 1.5% per month. Registrant agrees to pay all costs of collection. KITCO Fiber Optics reserves the right to cancel or re-schedule a course if the required minimum attendance is not met. I understand and agree to the above terms and provisions.

Signature_____ Date_____