Federal Supply Service
Authorized Federal Supply Schedule Price List
Contract number:

GS-02F-0163V

Schedule 874 MOBIS- Training Aids, LED Training, Test Administration

1431 N. Elk Grove, Chicago, IL 60622
(312)-224-8127/ FAX (**773)-862-8689**
slaytonsolutions@sbcglobal.net
www.slaytonsolutionsltd.com

Online Fiber Optic Training Program

$68.71 per student

**If 3 students from the same Agency in the same class, then $65.13 per student. **

(1)   Course Description: The Fiber Optics Institute online training program provides complete instruction in all aspects of practical fiber optics for network and alarm industry technicians. Including nineteen chapters, this course includes an online test, which is completed by students at the end of their study. This course typically takes twelve hours to complete. A sample of the course is available at www.fiberopticsinstitute.com.

Course Outline:

How Fiber Works
Types of Fiber-Multimode and Singlemode
Wavelengths in Fiber Optics
Fiber Optic Attenuation
Optical Power
Causes of Optical Loss
Fiber Optic Performance Standards
Fiber Optic Cable Types and their Uses
Installation of Fiber Optic Cable
Safety Rules for Fiber Optic Handling
Optical Budget Calculation
Fiber Optic Hand Tools
Types and Uses of Fiber Optic Connectors
Types and Uses of Mechanical Splices
Types and Uses of Fusion Splices
Physical Installation and Protection of Splices
Connector Installation
Fiber Link Testing- White Light
Fiber Link Testing- Visible Laser

Fiber Link Testing- Optical Loss Meter
Final Testing-Industry Standards
Repairing Broken Fiber Strands/Links
Troubleshooting Sequence to find Fiber Problems

(2)   The length of the course: This course takes approximately twelve hours to complete.

(3)   Mandatory and desirable prerequisites for student enrollment: There are no mandatory prerequisites for this course.

(4)   The minimum and maximum number of students per class: Unlimited

(5)   The locations where the course is offered: Online

(6)   Class schedules: Available at any time

(7)   Price (per student, per class (if applicable)).

ALL OTHER DIRECT COSTS (ODC) TO BE NEGOTIATED OUTSIDE OF CONTRACT WITH ORDERING AGENCY AT THE TASK ORDER LEVEL.*

Fiber Optics Institute One-Day Hands on Training and Certification

$601.34 per student

**If 3 students from the same Agency in the same class, then $566.34 per student. **

(1) Course Overview:

This training program provides complete instruction in all aspects of practical fiber optics for network and alarm industry technicians. Including online instruction, classroom lecture, and hands-on exercises, this course prepares attendees to successfully complete the standardized CFOT written test. All instructors, course materials, and testing are approved by the Fiber Optic Association. Slayton Solutions Ltd.'s FOA school number is 156.

This training program has two elements:

1. Online Tutorial - Instruction in all of the basics and details of fiber optics.
2. One-Day Certification Lab Hands-on training - details below.

Course outline:

How Fiber Works
Types of Fiber-Multimode and Singlemode
Wavelengths in Fiber Optics
Fiber Optic Attenuation
Optical Power
Causes of Optical Loss
Fiber Optic Performance Standards
Fiber Optic Cable Types and their Uses
Installation of Fiber Optic Cable
Safety Rules for Fiber Optic Handling
*Optical Budget Calculation
Fiber Optic Hand Tools
Types and Uses of Fiber Optic Connectors

Types and Uses of Mechanical Splices
Types and Uses of Fusion Splices
Physical Installation and Protection of Splices
*Connector Installation
*Fiber Link Testing- White Light
*Fiber Link Testing- Visible Laser
*Fiber Link Testing- Optical Loss Meter
Final Testing-Industry Standards
Repairing Broken Fiber Strands/Links
Troubleshooting Sequence to find Fiber Problems
*Mechanical Splice Installation

3. One-Day Hands-On Certification Lab and FOA (Fiber Optics Association) CFOT (Certified Fiber Optic Technician) Testing.

The one-day (eight hour) Certification Lab is the instructor-led component of the complete Fiber Optic Institute training program.

This presentation includes:

A. Review of important topics previously presented in the online class
B. Hands-on training in all * items listed above in course outline
C. CFOT test preparation
D. Completion of the Fiber Optic Association CFOT standardized written test

Upon completion successful students will receive their CFOT certification from the Fiber Optic Association.

Details of this training program are available at www.fiberopticsinstitute.com. Please visit www.thefoa.org for information on the Fiber Optics Association.

(2)   The length of the course: This is a two-part course. The online portion takes approximately twelve hours; the one-day classroom training is an eight-hour class.
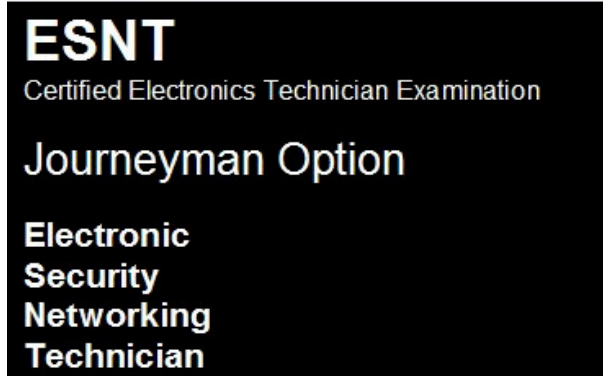
(3)   Mandatory and desirable prerequisites for student enrollment: There are no mandatory prerequisites for this course.

(4)   The minimum and maximum number of students per class: Minimum number of students is six; maximum number of students is twelve.

(5)   The locations where the course is offered: The classroom portion of this training is presented periodically in the greater Chicago, Illinois area. This class is also presented at client locations.

 (6)   Updated class schedule is available at www.slaytonsolutionsltd.com

(7)   Price (per student, per class (if applicable)).

   ALL OTHER DIRECT COSTS (ODC) TO BE NEGOTIATED OUTSIDE OF CONTRACT WITH ORDERING AGENCY AT THE TASK ORDER LEVEL.*

Electronic Security Networking Technician Training and Certification Testing

$498.21per student

**If 3 students from the same Agency in the same class, then $468.24 per student. **

(1)   Course Description: This is a two-day (16 hour) which instructs students and prepares them to take the proctored ESNT written test, which is administered at the end of the two-day class.

Combining lecture, demonstrations, and hands-on components, the ESNT preparation class provides a comprehensive knowledge base for alarm technicians. All aspects of common LAN and Internet programming, wiring, troubleshooting, and verification are clearly explained to class attendees. Students are directed to specific no-cost software programs and web pages that provide detailed network testing functions.

This training class is a precursor for those technicians planning to take the standardized ESNT (Electronic Security Networking Technician) certification test.

Certification:

The ESNT program is a vendor-independent certification program authorized and administered by the Electronics Technicians Association, International (ETA®). The ETA grades student tests and awards individual certifications. More information about the ETA is available at www.eta-i.org. Slayton Solutions Ltd./Security Networking Institute is authorized by the ETA to provide training and administer certification tests.

(2)   The length of the course: This is a two consecutive day, 16 training hours course.

(3)   Mandatory and desirable prerequisites for student enrollment: There are no mandatory prerequisites for this course.

(4)   The minimum and maximum number of students per class: Minimum number is four, maximum of twenty students.

(5)   The locations where the course is offered: This course is offered to the public at locations in the greater Chicago, Illinois area. This course is also provided at client locations.

(6)   Updated class schedule is available at www.slaytonsolutionsltd.com

(7)   Price (per student, per class (if applicable)).

    ALL OTHER DIRECT COSTS (ODC) TO BE NEGOTIATED OUTSIDE OF CONTRACT WITH ORDERING AGENCY AT THE TASK ORDER LEVEL.*

Training Text Books

"**Technician's Guide to Physical Security Networking: Enterprise Solutions**"

Paperback Technical Manual: by *David Engebretson*, Publisher: Authorhouse, August 2008, ISBN-13: 9781434399915

A complete guide to the connection, programming and troubleshooting of IP-enabled physical security devices (IP cameras, DVRs, access control) when connecting to enterprise networks. 260+ pages, 120+ illustrations.

1-49 BOOKS:	**$35.26 each**
50-499 BOOKS**:**	**$27.71 each**
500+ BOOKS:	**$25.19 each**

"**Guide to Networking for Physical Security Systems**" Textbook: by *David Engebretson*, Publisher: Cengage Learning, April 2007, ISBN-13: 9781418073961

All the technology and information necessary for electronic security technicians to plan, cable, install, and program… Video Servers, Network Cameras, DVRs, and Wi-Fi networks. Practical Knowledge, Programming Examples, Step-by-Step Instructions 300+ pages, over 140 Graphics.

$55.66 each

****There will be an additional 15% discount off if both books purchased simultaneously. ****

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