ESA®

NATIONAL TRAINING SCHOOL

COURSES.ESAWEB.ORG

TRAINING &
CERTIFICATION

2020 CATALOG

The ESA National Training School (NTS) is the leading provider of classroom training, online courses, and certifications for the evolving electronic security and life safety industry.

Not all training is created equal.

CONTENTS

ESA National Training School
Phone: (888) 447-1689 x6831
www.ESAweb.org/NTS
NTS@ESAweb.org

COURSES

EDUCATION EVOLVED

What's New in 2020?

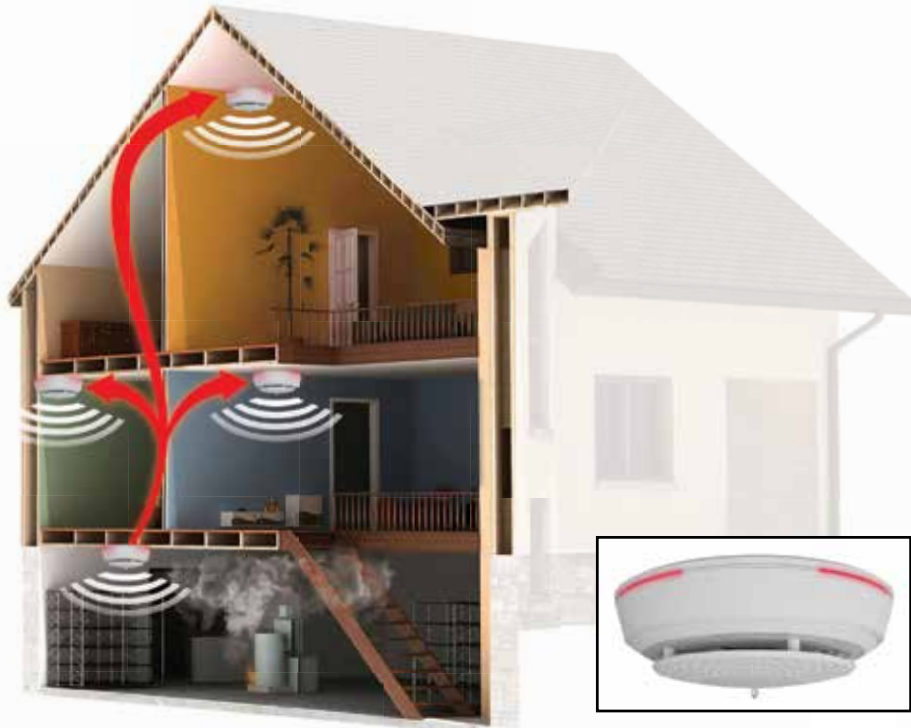**Training as a Service (TaaS)**

Web-based Proctoring

Assessment Tools for Hiring

E-Books for Manuals

"One-Go, All-Go"

SiXCOMBO Two-Way Smoke/Heat and CO Detector

It's the industry's first two-way, professionally monitored, wireless, combination smoke/heat and carbon monoxide (CO) detector – and the life safety detection every home deserves. With its four sensing elements, smoke and CO detection is improved and false alarms are reduced.

All SiX™ life safety devices, including a wireless siren feature "One-Go-All-Go" - when one detector sounds, they all sound. Alerts are crystal clear with multi-lingual voice annunciation and a 360º visual alarm that spans the unit. The SiXCOMBO – it's the perfect way to lead with life safety and differentiate your business with every Lyric® installation.

For more information, please visit
hwsproducts.com/sixcombo/nts
or call **1-800-645-7492**

Honeywell Home

NEW!
New Services to Take Training Even Further

Training as a Service (TaaS)

The ESA Training as a Service (TaaS) program is a customizable in-house training program to fast-track new hires and existing employees.

One of today's biggest challenges facing employers is how to find and keep employees. And with five generations making up the workforce, there is no one size fits all method of training that works any longer. Enter TaaS, the only training program of its kind in the industry.

Online Assessment Exams

ESA's National Training School now has a valuable new tool to help as you're hiring new employees! Online assessment exams will help you gauge what areas of the industry technicians are proficient in and measure their technical skill level. Upon completion of the assessment, employers will receive an outcome report so that managers are prepared to assign the employee training or tasks that match their skill level. *Topic areas covered include: intrusion, fire, access and video.*

ESAWEB.ORG/ASSESS

NEW OR REVISED COURSES IN 2020

Electronic Access Control - This course was updated to reflect modern innovations like smart phones and cloud systems within Access Control. Other major updates include updated code references and information on how to accommodate active shooter protection into your design.

Advanced Intrusion Systems - This course now has expanded sections on networking and project management as well as general updates to accommodate for new technologies. Other major updates include general code reference updates and information on different shooter detection system technologies.

Virginia Electronic Security Technician - This course presents the material necessary to meet the training requirements of the Virginia Department of Criminal Justice Services for the Electronic Security Technician license classification. The required Core Subjects 30E topics plus the 35E Security Technician subjects are covered in this course.

Montana Security Alarm Installer - This online course is specifically designed for those needing to meet the Montana Secretary of State - Board of Private Security's administrative rule: 24.182.810. By the end of this course, you will understand the theory, installation and maintenance of alarm systems.

The Education Committee & Subject Matter Task Forces are currently updating the following courses:

Life Safety Code - a full review and update of the course is being done to match the latest codes and standards and today's technologies.

International Building Code - a full review and update of the course is being done to match the latest codes and standards and today's technologies.

Understanding Electronic Security Systems - a full review and update of the course is being done to better match today's technologies, codes and standards.

For a full listing of CEU courses, see page 26 >>

ANIXTER®

TIME IS NOW ON YOUR SIDE.

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Build. Connect. Power. Protect. Services. Worldwide.

GROW
Planning & Registering For Training

ESA's National Training School (NTS) is the leading provider of classroom and online courses, as well as certifications, for the evolving electronic security and life safety industry.

The NTS course zone will help you find everything from current courses and certification requirements to exam information — to ensure you have access to quality training. The search-by-state function will allow you to view the state-required courses for licensure and/or continuing education, providing NTS approved courses if applicable.

COURSES.ESAWEB.ORG

Search all courses by:

👤 or 💻

Delivery format: Do you prefer online or classroom instructor-led courses?

📍

Location: What type of training is required and what NTS courses are available and approved in your state?

FIRE
Recognized Fire Training

We've been growing fire training programs diligently for the past 5 years. ESA's Fire Alarm Certifications are now recognized in 12 jurisdictions as alternatives to NICET.

No one can argue that the Fire Certifications offered by the National Institute for Certification in Engineering Technologies are widely recognized by AHJs throughout the country; however, ESA's fire certifications are growing in popularity due to more streamlined access to training, testing, and credentialing.

Today, 12 jurisdictions have approved ESA Fire Certifications as alternatives to NICET.

ESA offers a structured training, testing and credentialing program that can be presented as live instructor-led classroom training or in an online distance learning format with proctored exams administered by local third-party testing centers.

Testing and verification of experience and issuance of an applicant's fire alarm certification is processed within weeks - not months - upon course completion, passing the exam(s) and receipt of the New Certification Request Form.

ESA's Certified Fire Alarm Technician (CFAT) Level II Fire certification provides an alternative equivalency to the NICET II requirement for industry professionals that perform installation, inspection, testing, maintenance and programming of fire alarm systems. The Certified Fire Alarm Designer (CFAD Level III certification) provides an alternative to the NICET III fire alarm requirement for establishing the competency of industry professionals seeking design and/or design review compliance.

Recognition is slated to grow, with current proposals for approval of ESA's fire alarm certifications as an alternative to NICET are active in several additional states.

Alabama

Alaska

Hawaii

Georgia
Cobb County

Iowa

Kansas
Wichita/Sedgwick County

Louisiana

Michigan

Montana

Tennessee

Texas

Washington

To discover what ESA Certifications are approved in your area, visit
ESAWEB.ORG/MYSTATE

TaaS

Training As A Service

- **Attract and retain employees**
- **Customizable to your unique objectives**
- **Convenient - all courses are offered online**
- **Reporting that helps you track students' progress**
- **Cost effective**
- **Recommended course schedule and reminders**

The Industry's ONLY Customizable In-House Employee Onboarding and Staff Development Program

TIER 1
ESA Systems Technician

CORE SKILLS | 0 – 6 MONTHS EMPLOYMENT

69 HOURS OF TRAINING INCLUDING:

Basic Communication Skills

Basic Employability Skills

Basic Safety Skills

Foundational Industry Knowledge

Electives Customizable To Your Business: Wireless Systems, Troubleshooting, Cabling

TIER 2
ESA Systems Specialist

INTERMEDIATE SKILLS | 6 – 18 MONTHS EMPLOYMENT

80 HOURS OF TRAINING INCLUDING:

Troubleshooting, Service and Maintenance

Digital Multimeter Basics

NTS Technical Courses

Electives Customizable To Your Business: Customer Service, Networking, Industry Related Code, Ethics, Site Survey

Training as a Service (TaaS) is the first program of its kind for the electronic life safety and security industry. This customizable training solution allows employers to fast-track new hires and current employees with in-house training.

Buildable curriculum covering technical training, safety skills and topical industry trends is all part of the course offerings.

TaaS provides everything you need in one place — from communication and safety skills training, industry knowledge that meets state licensing requirements and all levels in between.

All courses are conveniently offered online with reporting features to track employee progress.

Find Full Details at:
ESAWEB.ORG/TAAS

CERTIFICATIONS

Certifications provide noticeable acknowledgment of your core skills and expertise — they validate your abilities to customers, supervisors, peers, and potential employers.

ESA Certified Alarm Technician (CAT) Level I

COURSEWORK

Certified Alarm Technician (CAT) Level 1

ESA Certified Video Systems Specialist (CVSS)

REQUIREMENTS

12 months of Field Experience

COURSEWORK

Video System Technologies

Fundamentals of Networking

ESA Certified Video Technician (CVT)

REQUIREMENTS

CAT Level 1 Certification
12 months of Field Experience

COURSEWORK

Video System Technologies

Fundamentals of Networking

ESA Certified Systems Integrator (CSI)

REQUIREMENTS

CAT Level 1 Certification
36 months of Field Experience

COURSEWORK

Fire Alarm Installation Methods

Electronic Access Control

Video System Technologies

Start

CERTIFICATIONS

ESA Certified Alarm Technician (CAT) Level II

REQUIREMENTS

CAT Level 1 Certification
24 months of Field Experience

COURSEWORK

Advanced Intrusion Systems

Fire Alarm Installation Methods

ESA Certified Intrusion Technician (CIT) Level II

REQUIREMENTS

CAT Level 1 Certification
24 months of Field Experience

COURSEWORK

Advanced Intrusion Systems

Fundamentals of Networking

ESA Certified Service Technician (CST)

REQUIREMENTS

CAT Level 1 Certification
24 months of Field Experience

COURSEWORK

Advanced Intrusion Systems

Fire Alarm Installation Methods

Troubleshooting, Service and Maintenance

ESA Certified Security Systems Integrator (CSSI)

REQUIREMENTS

CAT Level 1 Certification
36 months of Field Experience

COURSEWORK

Electronic Access Control

Video System Technologies

Life Safety Code OR International Building Code

Fundamentals of Networking

CERTIFICATIONS

CERTIFICATIONS

ESA Certified Fire Alarm Technician (CFAT) Level II Fire

REQUIREMENTS

CAT Level 1 Certification
24 months of Field Experience

COURSEWORK

Fire Alarm Installation Methods

Life Safety Code OR International Building Code

Certified Security Salesperson (CSS)

REQUIREMENTS

CAT Level I Certification OR Completed Understanding Electronic Security Systems Course

COURSEWORK

Security Sales Essentials

ESA Certified Residential Fire Alarm Inspector (CRFAI)

COURSEWORK

Residential Fire Alarm

ESA Certified Fire Alarm Designer (CFAD) Level III Fire

REQUIREMENTS

CFAT Certification
60 months of Field Experience
Passed CFAD Comprehensive Certification Exam

COURSEWORK

Professional Fire Alarm Design

Why ESA Certifications?

Mapping your career? Looking to stand out from the competition for your quality of work? From building a foundation to earning advanced credentials, ESA Certifications can help. To distinguish yourself from your competitors, you need a certification that encourages professional growth and is recognized by the industry as the standard.

Benefits

- Become a recognized expert in your field
- Attain a competitive edge on your competition or within your company
- Show your customers that you are committed to professional excellence
- Achieve professional and personal growth
- Earning your CEUs for your certification will most likely help you keep your professional license

ESA Certified Alarm Technician (CAT) Level I

COURSEWORK

Certified Alarm Technician (CAT) Level 1

CERTS
Maintaining Certifications

Renewing your ESA Certifications is now easier than ever!

Qualifying Activities

Programs covering the electronic life safety and security industry are eligible for ESA CEUs.

The following activities may qualify:

- ESA National Training School courses
- College/University/Trade School courses
- Training Sessions, Educational Workshops, or Seminars
- Industry Related Expos
- Online/distance learning courses
- Job Safety Training
- Work Experience Verification
- Teaching and ESA Course Development
- Active Committee/Task Force Service
- Electronic Life Safety and Security Industry Certifications

All ESA Certifications are valid for a period of 24 months following the completion of a course of study. Certification is maintained through attendance at industry-related continuing education activities. Maintaining certifications requires certificate holders to earn 24 continuing education units (CEU) hours — the equivalent of 24 classroom hours each renewal cycle.

Now, renewing your ESA Certifications is easier than ever. At the time of renewal, complete an online certification renewal form and report continuing education activities on the CEU submission form. No backup documentation will be required at the time of renewal.

All certification holders are subject to a random audit. If you are audited, you will receive notification from ESA within 60 days of receipt of renewal to send all requested CEU documentation for review.

It is the responsibility of each certification holder to maintain records documenting qualified continuing education credits.

Lapsed Certifications

Persons who do not maintain their certification lose the privilege of using this designation. A certification is considered lapsed once the expiry date has passed. Lapsed certifications may be renewed as follows:

If certification was lapsed for less than 24 months, individuals will be required to submit 24 CEUs (or 24 classroom hours) and pay a late fee in addition to the standard renewal fee for the lapsed certification.

If certification has lapsed for more than 24 months, the certification may not be renewed until the primary course and exam leading to certification are retaken.

Those wishing to attain another ESA certification must have their current certification in good standing.

SAVE
Money Saving Bundles

When you purchase a certification bundle you will automatically be registered in all of the courses included in the bundle.

We'll keep you on track and ensure you don't miss a step to completing your courses or earning your certification!

Certification Bundles*

We have a bundle for each ESA Certification, which includes the registration and proctored exam for each course in the bundle. Discounted certification bundles are available to ESA Members only.

Certified Alarm Technician (CAT) Level II - $810
Includes: 3 courses and proctored exams.
SAVE $390*

Certified Security System Integrator (CSSI) - $1138
Includes: 5 courses and proctored exams.
SAVE $627*

Certified Fire Alarm Technician Level II (CFAT) - $790
Includes: 3 courses and proctored exams.
SAVE $387*

Certified Fire Alarm Designer (CFAD) - $1150
Includes: 4 courses and proctored exams.
SAVE $526*

Certified System Integrator (CSI) - $1080
Includes: 4 courses and proctored exams.
SAVE $520*

*Savings over non ESA-Member rates.

Managing Risk and Protecting YOUR Business

Electronic security and life safety installation and monitoring companies face significant risk each day: injury to workers, fleet accidents, property damage and lawsuits can all impact day-to-day operations and bottom lines.

Security America offers industry expertise, keeping companies like yours protected, with A-rated coverage on:

General liability
Errors and omissions
Umbrella/excess

Commercial auto/fleet
Workers compensation
Cyber liability

CEU Bundles*

To help you keep up with your state CEU needs or your certification renewals, we have put together CEU bundles that take the work out of picking and registering for CEU courses. Each bundle is compiled of a set of courses that, when completed, will earn you a specific number of hours.

SAVE **10%**

*Discounted bundles are available to ESA members only.

ONLINE CEU COURSES

These courses make it **convenient** for you to dedicate time to your **professional development.** They are geared to help you gain new skills and earn CEU credits needed for licensure and/or certification renewals.

FIRE

Residential Fire Alarm – 7 hours

Life Safety and Occupancies – 3 hours

Codes and Standards Refresher, including NEC – 2 hours

Codes and Standards Refresher – 1 hour

Methods to Reduce False Alarms – 1 hour

Troubleshooting Fire Alarm Devices – 1 hour

Ethical Client Relations – 1 hour

National Electrical Code as it Applies to Fire Alarm Systems – 1 hour

Life Safety and Fire Alarm Systems – 1 hour

INTRUSION

Egress Control and Exit Devices – 2 hours

Codes and Standards Refresher, including NEC – 2 hours

Math Refresher - 3 hours

Electronic Theory Refresher – 3 hours

Incident Reports for Security Professionals – 1 hour

Managing Projects Effectively – 3 hours

Physical Science and Security Professionals – 1 hour

CEUS
Convenient Professional Development

NEW! WORKPLACE ESSENTIALS

- Cyber Threat Preparedness – 4 hours
- Basics of Customer Service – 3 hours
- Creative Problem Solving – 1 hour
- Time Management – 1 hour
- Handling a Difficult Customer – 1 hour
- Civility in the Workplace – 1 hour
- Workplace Diversity – 1 hour
- Workplace Harassment – 1 hour
- Workplace Violence – 1 hour

NETWORKING

- Fundamentals of Networking – 4 hours
- Residential Networking Basics – 4 hours
- Networking 101: Basics – 1 hour
- Networking 102: Protocols – 1 hour
- Networking 103: Data Transmission – 1 hour
- Networking 104: Hardware – 1 hour
- Networking 105: Administration of Networks – 1 hour
- Networking 106: Basic Network Troubleshooting – 1 hour
- Structured Wiring and the Security Industry – 6 hours
- Wireless Systems 101: Standards — 1 hour
- Wireless Systems 102: Components — 1 hour
- Wireless Systems 103: Troubleshooting — 1 hour

SERVICE

- Troubleshooting, Service and Maintenance CEU Series – 6 hours
- Introduction to the Digital Home – 4 hours
- Home Theater Demystified – 4 hours
- Troubleshooting Using Test Equipment – 2 hours
- Basic Circuit Troubleshooting & Testing – 2 hours
- Troubleshooting Panels and Power Supplies – 1 hour
- Troubleshooting Intrusion Alarm Devices – 1 hour
- Troubleshooting Fire Alarm Devices – 1 hour
- Troubleshooting Communications and Notification Devices – 1 hour
- Troubleshooting Closed Circuit Video Systems – 1 hour
- Maintenance & Inspection Processes to Avoid Trouble – 1 hour

SAFETY

- Job Safety and False Alarm Reduction – 2 hours
- Job Safety Reminders – 1 hour
- NEW! OSHA (Construction) – 10 hours
- NEW! OSHA (General) – 10 hours
- NEW! OSHA (Construction) – 30 hours
- NEW! OSHA (General) – 30 hours

SALES

- Selling Commercial Systems Effectively – 4 hours
- Approaching a New Client - Laying the Groundwork – 1 hour
- Asking the Right Questions to Identify your Client's Needs – 1 hour
- Closing Techniques to Effectively Close the Deal – 1 hour
- How to Present the Best Solution for your Client's Needs – 1 hour
- Introduction to Commercial Sales – 1 hour
- Prospecting for Potential Clients – 1 hour
- Selling Commercial Access Control Systems – 1 hour
- Selling Commercial Fire Alarm Systems – 1 hour
- Selling Commercial Intrusion Systems – 1 hour
- Selling Commercial Video Surveillance Systems – 1 hour
- Selling Integrated Systems – 1 hour

COURSES.ESAWEB.ORG

STATE SPECIFIC COURSES
Custom Educational Solutions

We have developed the following custom solutions to help those residing in states that have very specific and targeted training requirements.

Louisiana
NEW!

Louisiana Fire Alarm Installation Methods course that includes required household fire alarm content

Virginia
NEW!

Virginia Electronic Security Technician – 14 hours that includes the required Core Subjects 30E topics plus the 35E Security Technician subjects

Kentucky

NTS's Certified Alarm Technician Level I course is required by the Louisville-Jefferson County Metro Government for initial licensing

Washington

Specific bundles created to meet CEU needs of Washington Electrical Administrator, Master Electrician or Electrician license holders

Texas

Texas 18 hour Alarm Level I

8 hour CEU Bundle for Installers

Certified Alarm Technician Level I meets Level I training requirement for installers

Texas Residential Fire Alarm/Certified Residential Fire Alarm Inspector Certification (TX-CRFAI) is approved for the RAL license

Certified Fire Alarm Technician (CFAT) Level II is approved for the FAL license

The CRFAI plus CFAT is approved for the RAS license

Certified Fire Alarm Designer Level III is approved for the APS license

(DPS/PSB Training School License # Y00111 & TX SFMO License # FAS-1854887)

Oklahoma

The Electronic Security Association is an approved Examination Entity for Alarm licensure by the Oklahoma Department of Labor. The following exams are approved:

OK Certified Alarm Technician Level I exam meets the requirements for the OK Residential Burglar/Residential Fire Technician

Fire Alarm Installation Methods exam meet the requirements for the OK Commercial Fire Technician/Salesperson exam

OK Electronic Access Control exam meets the requirements for the OK Electronic Access Control Technician

OK Video Systems Technologies exam meets the requirements for the OK Closed Circuit Television (CCTV) Technician

Florida

BASA FASA 6 hour Renewal course (BASAce 0801751 FASAce 0801752)

BASA FASA 14 hour Initial course (FASAeb 0801688 & BASAeb 0801689) - Available in Spanish!

14 hour Florida Contractor CEU course

Certified Alarm Technician Level I course approved for BASA FASA (FASAeb 0801518 & BASAeb 0801517) – perfect for those working in the northern sector of the state who may work in OR outside of Florida

(ECLB Provider #000856)

Montana

Montana 16 Hour Security Alarm Installer course for security alarm installers

ESA's training is approved at various levels in 25 states.

For a full listing of ESA's course approvals, please visit:

ESAWEB.ORG/MYSTATE

TECH COURSES

CATI

VIRTUAL/LIVE ONLINE UP TO 24 CEUS

Certified Alarm Technician Level I

This course is so essential that dozens of states, local licensing authorities and regulators approve it as a prerequisite for performing security integration work.

This 22-hour foundational course, followed by an exam, provides students with an understanding of the industry and their role within it and provides the essential knowledge and skills for all forms of electronic security: intrusion detection, fire detection, video surveillance and access control.

Students will receive hands on practice building simple electrical circuits and designing system layouts, so they can see how their acquired knowledge is realistically applied to their field.

Subject Areas

Industry Introduction	Wiring Methods
Standards	Tools and Equipment
Electricity	Troubleshooting
Power	Video Surveillance Systems
Alarm Systems	
Perimeter Sensors	Access Control
Interior Sensors	Related Systems
Fire and Life Safety Systems	Client Relations
Notification Devices	Alarm Management
Communications	Job Safety

🔊 **AVAILABLE IN SPANISH**

Certified Alarm Technician Level I will provide individuals with the knowledge and skills to:

Plan for and initiate a successful installation, while being able to tailor it to commercial or residential applications

Act responsibly and safely while on the job

Communicate effectively with customers and others in the industry

Understand the importance of codes and standards and how to locate and apply them

Define basic installation procedures and compare the underlying technology behind the various security system tools and equipment

Continue with more advanced and specialized training that can lead to enhanced profits and increased compensation for the student/credential holder

EAC

Electronic Access Control

Master theory, design and practical application of electronic access control systems

This 14-hour course, followed by an exam, provides the training needed to successfully design and install an electronic access control system. It teaches the theory and practical application of locks, door hardware and electronic access control systems. The course culminates in a system design exercise based on a customer's specifications and building plan.

Electronic Access Control will provide individuals with the knowledge and skills to:

Understand the concepts behind electronic access control systems, including equipment and techniques

Create a hands-on access control system design based on customer specifications and building plans

Subject Areas

Introduction	Powering Components
Overview	Controllers and Processors
Building Codes	Wiring Methods
Locksmithing	System Design
Locks and Barriers	Common Errors and Solutions
Entry Devices	
Exit Devices	

AIS

Advanced Intrusion Systems

Take your intrusion system skillset to the next level

This 14-hour course, followed by an exam, is an advanced look at the design and installation of intrusion systems. Students learn how to select and install proper equipment in a variety of intrusion system applications.

The course provides basic electronics instruction and how it pertains to system design, component selection and troubleshooting, as well as information on system testing, commissioning and project management.

Advanced Intrusion Systems will provide individuals with the knowledge and skills to:

Select and apply sensors, control panels and communication devices to provide effective intrusion detection

Take technical knowledge and skills in intrusion detection to the next level, qualifying students for valuable advanced credentials

Subject Areas

Introduction	Advanced System and Devices
Review	Practical Sensor Applications
Practical Application of Electronics	Communications
Practical Application of Controls	Testing and Commissioning
System Power	Overview of Project Management Concepts
Networking	

TSM

Troubleshooting, Service and Maintenance

Master how to troubleshoot, service and repair intrusion, fire, video and access control systems

This 14-hour course, followed by an exam, focuses on the maintenance aspects of today's electronic security systems. It offers dealers and integrators an additional revenue stream and the potential for significant profits through these additional services.

The course serves individuals seeking to expand their knowledge on servicing, repairing and maintaining intrusion, fire, video surveillance and access control systems. It also covers the fundamentals of troubleshooting as well as specific troubleshooting procedures for today's systems.

The course includes reference material from NFPA 70, NFPA 72, and NFPA 730/731 covering the proper test and inspection procedures of these systems.

Troubleshooting, Service and Maintenance will provide individuals with the knowledge and skills to:

Increase the efficiency and effectiveness of service professionals by teaching essential concepts and methods

Open up new revenue streams for dealers and integrators

Make existing service and maintenance operations more productive and profitable

Subject Areas

Preparation

Test equipment

Basic circuit troubleshooting

Panels and power supplies

Intrusion and fire alarm devices

Communication and notification

CCTV

Electronic access control

Maintenance and inspections

VST

Video System Technologies

Build solid technical knowledge in this fast-growing category

This 14-hour course, followed by an exam, gives students the knowledge to successfully design and install a basic video surveillance system.

It focuses on methods and equipment including digital cameras, coaxial cabling, user interfaces, networking considerations, and video storage options.

Video System Technologies will provide individuals with the knowledge and skills to:

Design and install a basic video surveillance system

Understand the functions and applications of all major equipment types

Students will complete two extensive practical exercises culminating in an actual system design per a customer's specification and building plans

Subject Areas

Camera and Lens Considerations

Transmission Media

Network Basics

Monitors

Power

Auxiliary Equipment

System Design

Recording

Commissioning

Troubleshooting Analog and Digital

RFA

Residential Fire Alarm

Be proficient in the design and installation of residential fire alarm systems

This 7-hour course, followed by an exam, provides technical and sales staff with experience designing, selling, installing and maintaining residential fire alarm systems.

WE ALSO OFFER A SPECIAL VERSION MODIFIED TO MEET THE TEXAS SFMO REQUIREMENTS FOR THE FAL LICENSE.

Residential Fire Alarm will provide individuals with the knowledge and skills to:

Design, install, and maintain residential fire alarm systems that comply with NFPA 72, NFPA 101, NFPA 70, and International Residential Code (IRC)

Expand their business services to include residential fire alarm systems

Offer current and prospective customers the code-required system test and inspection services included in today's fire alarm codes

Subject Areas

Codes and standards

Control panels

Power requirements

Notification appliances

Initiating devices

Communication methods

Wiring

Testing and cleaning

Documentation

Client relations

FAIM

Fire Alarm Installation Methods

Gain critical knowledge to install, service, and maintain code-compliant fire alarm systems

This 14-hour course, followed by an exam, provides broad training in proper installation and service requirements for commercial and household fire alarm systems based on NFPA and ICC codes.

NFPA requires fire inspection and testing personnel to be knowledgeable and trained, and service personnel to be qualified and experienced. Students will learn the information needed for professionals to become familiar with fire alarm system requirements necessary to gain certification and prove competence.

Fire Alarm Installation Methods will provide individuals with the knowledge and skills to:

Install and maintain fire alarm systems that comply with NFPA 72, ICC, and NFPA 70

Properly service and maintain fire alarm systems

Subject Areas

Fire alarm system introduction

Codes and standards

Fire system fundamentals

Initiating device operation

Initiating device spacing and location

Emergency control functions

Notification appliances and circuits

Communication and reporting

Testing & inspecting

Household systems

Documentation

Wiring

CO detection

Emerging technologies

PFAD

Professional Fire Alarm Design

Master the design and installation plan of code compliant fire systems based on field conditions and project requirements

This 14-hour course, followed by an exam, provides specific training on developing an installation plan based on field conditions and project requirements.

Whether preparing plans for a factory's monitored suppression system or designing a voice evacuation system for a movie theater complex, plans should be developed by persons experienced in the proper design, application, installation and testing of commercial fire alarm systems.

The course focuses on providing a more advanced level of knowledge gleaned from national codes regarding proper detector selection, required coverage for specific building occupancies, as well as documentation and plan submittal requirements.

Subject Areas

- The Industry
- Fire Alarm Installation Review
- Overview of Project Management Concepts
- Determine Protection Criteria
- Additional System Design Requirements
- Owner's Protection Goals
- Other Hazards Defining Project Scope
- Choosing Initiating Devices
- Design Project – Mixed Occupancy
- Choosing Supervisory Components
- Choosing Notification Appliances
- Fire System Programming
- Submittal Package Preparation
- Other Important Documentation
- Plan Preparation Project

Professional Fire Alarm Design will provide individuals with the knowledge and skills to:

Design a system affording the best life safety for a building's occupants based on codes and standards

Prepare plan submittal documents required by regulatory groups

Prerequisite: Those wishing to attend this course must have taken the Fire Alarm Installation Methods (FAIM) course. The Life Safety Code (LSC) course is also strongly recommended.

LSC

Life Safety Code

Gain critical knowledge of common occupancy class code requirements

This 7-hour course, followed by an exam, teaches students the practical application of the NFPA 101 Life Safety Code. Instruction focuses on the fire alarm and access control requirements for most common occupancy classes that students will encounter on a daily basis, offering insights on common errors and areas of confusion.

Special attention is paid to the similarities and differences between the International Building Code (IBC) and NFPA 101 Life Safety Code.

Life Safety Code will provide individuals with the knowledge and skills to:

Design, install and maintain fire alarm and electronic access control systems that comply with NFPA 101 Life Safety Code

Identifying niche business opportunities based on the most common occupancy classes, creating new revenue-generating services and opportunities

Understanding the similarities and differences between the IBC, IFC and NFPA 101 Life Safety Code making it easier to understand what requirements apply based on the adopted code in your local jurisdictions

Subject Areas

- Fire alarm systems
- Egress control
- Assembly occupancies
- Educational occupancies
- Daycare occupancies
- Residential occupancies
- Institutional occupancies
- Other occupancies
- Life Safety Code/ International Building Code comparisons

IBC

VIRTUAL/LIVE   **UP TO 8 CEUS**

International Building Code

Gain proficiency in installation requirements for various occupancy classes

This 7-hour course, followed by an exam, is based on the International Building Code (IBC) and the International Fire Code (IFC). Students learn the practical application of IBC, focusing on the fire alarm and access control requirements for the most common occupancy classes that will be encountered on a daily basis and offering insights on common errors and areas of confusion.

Special attention is paid to the similarities and differences between the IBC and NFPA 101 Life Safety Code.

International Building Code will provide individuals with the knowledge and skills to:

Design, install and maintain fire alarm and electronic access control systems that comply with both IBC and IFC

Identify niche business opportunities based on the most common occupancy classes, creating new revenue-generating services and opportunities

Understand the similarities and differences between the IBC, IFC and NFPA 101 Life Safety Code making it easier to understand what requirements apply based on the adopted code in your local jurisdictions

Subject Areas

Fire alarm systems	Residential occupancies
Egress control	Institutional occupancies
Assembly occupancies	Other occupancies
Educational occupancies	Life Safety Code/ International Building Code comparisons
Daycare occupancies	

NON-TECH COURSES

SSE

Security Sales Essentials

Gain useful knowledge to effectively and ethically sell electronic security systems

This 7 or 14-hour course, followed by an exam, is a comprehensive, modular program covering the complete sales cycle.

Day 1 will explore core sales subjects within residential sales. Day 2 will focus on commercial sales in each of the industry segments: intrusion, access control, fire and video.

Security Sales Essentials will provide individuals with the knowledge and skills to:

Know the complete sales cycle

Offer new or veteran sales personnel with the insights necessary to convert sales prospects into customers

Know the similarities and differences in the sales process for residential and commercial sales, including insights into the unique issues relevant to fire alarm, access control and video surveillance systems

Have the tools and tips necessary to perform at a highly successful sales level

Subject Areas

Overview of the security sales cycle	Strategies for selling in the digital age
Prospecting	How to cross sell
Problem identification	Consultative selling
Solution – presentation	Customer advocacy
Closing – the transaction stage	Managing customer relationships
Handling objections	

UESS

Understanding Electronic Security Systems

Gain an understanding of the electronic life safety and security industry

This 7-hour course, followed by an exam, teaches the basic elements of the electronic life safety and security industry including sensors, control panels and communications with an emphasis on the need for an adequate site survey.

It stresses the importance of false alarm prevention while exploring the interaction between electronic life safety and security professionals, law enforcement and fire prevention officials.

Understanding Electronic Security Systems will provide individuals with the knowledge and skills to:

Know the basics of the electronic life safety and security industry

Be aware of the importance of false alarm prevention

Subject Areas

Fire alarm system devices	Communications
Security devices	Managing alarms
Control panels	Needs assessment

PRICING INCENTIVES

Team training can mean BIG SAVINGS

Private Classes

Member companies who wish to have an NTS course delivered solely for their employees can request a private class. These offerings are tailored to fit your preferred dates, times and locations. Not only do we bring the NTS-certified instructor to you, but we bring the savings, too!

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a savings of more than $480 for the Level I course

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a savings of more than $1,550 for the Level I course

Train 51
students and pay $325 per student
a savings of more than $3,570 for the Level I course

To learn more about the National Training School's private classes, please contact ESA. Note: Savings listed above are reflective of ESA prices and may differ from any reseller state association offerings.

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