

**COMMONWEALTH OF PENNSYLVANIA  
OFFICE OF THE STATE FIRE COMMISSIONER  
PENNSYLVANIA STATE FIRE ACADEMY**



**Pennsylvania's  
Local Level Fire Training System  
Course Catalog**

**April 2014 Edition**

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**COMMONWEALTH OF PENNSYLVANIA**  
Tom Corbett, Governor  
**OFFICE OF THE STATE FIRE COMMISSIONER**  
Fire Commissioner Edward A. Mann

## **THE STATE FIRE ACADEMY LOCAL LEVEL TRAINING SYSTEM**

### **ABOUT LOCAL LEVEL FIRE TRAINING**

The Local Level Programs are the oldest form of organized training conducted by the Commonwealth of Pennsylvania, dating back to the 1930's. This type of training continues to strive toward increasing the effectiveness of the fire fighter by centering training using his/her own equipment and apparatus. Courses may be scheduled on an 'as-needed, where needed' basis, making Pennsylvania's program nearly unique among the 50 states of the Union. The State Fire Academy acts as an accrediting and coordinating agency; the programs themselves are conducted by the Academy's system of Educational Training Agencies (ETA) comprised of participating community colleges, county/regional fire training academies, and other similar organizations.

### **THE STATE FIRE ACADEMY'S ROLE**

The Academy acts as the coordinating and accreditation point for the Local Level Fire Training program. The Academy develops and issues Minimum Standards for Accreditation (MSA) for each accredited course that define content and procedural issues. Educational Training Agencies (ETA) must adhere to these minimum standards in order to be able to issue State Fire Academy *Certificates of Training* for the courses in question. The Academy also develops and releases new and revised curricula using its own staff and, frequently, working groups of technical experts, field instructors, and end-users. Accreditation and development of Local Level Instructors is a key Academy role in providing a qualified cadre for use by the Educational Training Agencies in the delivery of these courses. Three Field Supervisors (full-time Academy staff) provide customer service, supervisory guidance, quality control, and otherwise monitor and coordinate the program. One is assigned to each PEMA Area (Western, Central, and Eastern); the Eastern Supervisor is located at PEMA Eastern Area, Hamburg, Pa (610) 562-3010 or 800 372-7362 in PA and Central Supervisor is located at the Academy; (717) 248-1115 or 1 800 459-4096 in PA; the Western Supervisor is located at PEMA Western Area, Indiana, PA; (724) 357-0103 or 800 972-7362 in PA.

### **SUBJECT MATTER**

Instruction consists of classroom discussions, demonstrations, lectures, simulation, small group activity, practical applications and drills necessary for the development of proficiency in the course's subject matter. The Educational Training Agency determines the precise content of each course; the State Fire Academy sets the minimum standards by which a course is accredited. The curriculum currently includes over 150 separate courses from 2 to 60 hours in length.

### **COURSE LENGTHS AND SCHEDULES**

Course lengths are based on educational considerations like the amount of classroom and practical activity, the complexity of the content, safety issues, and similar concerns. Course schedules are quite flexible, and are usually arranged by mutual consent of the instructor, the requesting organization, and the educational training agency. Typical schedules would be 3-4 hours per night once or twice a week; 8 hours a day on a Saturday and/or Sunday.

### **AVAILABILITY**

Courses are available and may be approved at any time throughout the year by completing an application and sending it to an Educational Training Agency that provides services in your county. Check the reverse side of the application for a list of Educational Training Agencies and the counties they each provide service in.

### **COURSE ENROLLMENT AND CANCELLATION**

Minimum enrollment policies are determined by each educational training agency. An initial minimum enrollment of 15 to 20 students is generally required. A pro-rated fee may be charged by an educational training agency to compensate for enrollment below these minimums. Should enrollment fall below a predetermined number, the course may be discontinued. A maximum class size is also established for some courses.

### **COURSE LOCATIONS**

In keeping with the 'as needed, where needed' philosophy of the program, class sessions are normally held at a local fire station where the necessary apparatus, tools and appliances for proper training are available to the instructor and the class. Many course offerings are also held at county or regional fire academies or training events.

### **TUITION**

Upon receipt of a course application, the Educational Training Agency will approve the course and assign an instructor. Approved supplementary manuals will be supplied as required. The Educational Training Agency may charge for materials. They may also charge a registration fee whether or not minimum enrollment is met. Fees will vary depending on the policies of each individual Educational Training Agency, but courses are offered tuition-free by many of these institutions.

### **INSTRUCTORS**

Competent instructors are accredited on the basis of their successful fire fighting experience and their ability to impart knowledge. Each must meet State Fire Academy instructor requirements and have completed an approved training course at the Pennsylvania State Fire Academy. Instructors are hired by the Educational Training Agency to teach an assigned course.

### **STUDENT RESPONSIBILITY**

Students are responsible for the material presented in each class/module. It is each student's responsibility to make up assignments and/or attendance in subject modules as required for a given class/course. Individual student requirements and conduct shall be in accordance with established State Fire Academy and Educational Training Agency policies which will be provided to each student at the beginning of each class or course.

### **ATTENDANCE/CERTIFICATES**

Each student who faithfully attends the sessions and successfully passes the final test (when required) will be awarded a Certificate of Training at the conclusion of the course. Absence from 21% of the prescribed hours automatically disqualifies a student from receiving a certificate, unless the missed training sessions are made up. The instructor is obliged to notify the educational training agency of the names of the students who have made up missed classes and are therefore eligible for the certificates.

## **CERTIFICATION**

If a person wishes to become “Certified” via the Commonwealth’s Voluntary Certification process, they must follow the procedures set forth by the Fire Service Certification Advisory Committee (FSCAC). The purpose of this program is to identify and recognize emergency service personnel whose accomplishments in training and education meets or exceeds nationally recognized standards. The NFPA standards for Fire Service Professional Qualifications identify the minimum requirements for a person at a particular level of progression. A person certified to one of the Fire Service Professional levels will have demonstrated competency in the knowledge and skills required to perform at a particular level. Certification is independent of Local Level training. If you are interested in “Certification”, please contact the Certification Program Manager at the PA State Fire Academy, 800-459-4096 or 717-248-1115.

## **COURSE APPLICATIONS**

If a fire department or other emergency service organization wishes to conduct a state accredited fire training program in their locale, the following steps will be followed:

1. Submit a completed application for a Local Level course to an Educational Training Agency (ETA) of your choice that provides service to your county. Complete section 1 of the application, the Course Code can be found after the Course Title, the number of hours can be found under the course title. EMS Con-Ed information is found within the Course Description (if applicable). Most ETAs require applications to be submitted at least six (6) weeks before the proposed start date. (Check the reverse side of the application form for the address of the ETA(s) serving your area.
2. The Educational Training Agency will confirm that the requested course is accredited and; if a specific instructor is requested, confirm his/her accreditation to instruct the course. Where no specific instructor is requested, an instructor will be assigned to the course.
3. The Educational Training Agency will contact the instructor and make all necessary arrangements for the class to be conducted on dates requested.
4. The instructor and/or the Educational Training Agency will contact the requesting emergency service organization and confirm that the course request has been approved and an instructor has been assigned.
5. If your organization wishes to totally sponsor the course, including the hiring and payment of the instructor, course applications should be sent six (6) weeks before the course start date directly to: PA State Fire Academy, 1150 Riverside Drive, Lewistown, PA 17044.

**OTHER COURSES AVAILABLE THROUGH THE LOCAL LEVEL TRAINING SYSTEM**

The following are courses that have historically been offered (in partnership with the identified agency) through the Local Level Fire Training Program in some areas of the state. Minimum standards for curriculum content are established by the agency developing the course. Interested parties should check for availability with the Educational Training Agency of their choice; not all educational training agencies offer these courses. Persons should contact the specific agency or the Academy Field Education Specialist who covers your county for course content, course length, and prerequisite information.

**COURSE TITLE**

**COURSE CODE**

**P.E.M.A. OFFICE OF OPERATIONS & TRAINING**

Radiological Assistant Initial Course	FCRM
♣Radiological Officer Initial Course	FCRO
♣Radiological Response Team Initial Course	FCRRT
♣Radiological Assistant Instructor Course	RAIC
Radiological Assistant Refresher Course	RERM
Radiological Response Team Refresher Course	RERT
♣Radiological Officer Refresher Course	ROREF

**PENNSYLVANIA DEPARTMENT OF HEALTH -  
DIVISION OF EMERGENCY MEDICAL SERVICES**

♣Basic Rescue Practices	DHBR
Emergency Medical First Responder	DHFR
♣Emergency Medical Technician	DHEB
♣Special Vehicle Rescue	DHSV

**PENNSYLVANIA FISH & BOAT COMMISSION**

♣Ice Rescue and Emergency Response	FCIR
♣Water Rescue & Emergency Response	FCWR
Emergency Boat Operations and Rescue	FCWA
Advanced Line Systems Rescue	FCLS

**PENNSYLVANIA DEPARTMENT OF CONSERVATION & NATURAL RESOURCES**

Basic Wildlands Fire Fighting (PA-130)	WBFF
Wilderness Search & Rescue: Search Responder	WRSR
Wilderness Search & Rescue: Basic Grid Team	WRGT
Wilderness Search & Rescue: Advanced Grid Team	WRGA
Wilderness Search & Rescue: Search Management	WRSM

**♣ - These Non-SFA courses are approved by the DOH EMS Office for EMS continuing education (Con Ed) credit. Contact the agency conducting the course or your regional EMS council for details.**

**PENNSYLVANIA LOCAL LEVEL FIRE TRAINING**  
**CURRICULUM DESCRIPTIONS**  
**IMPORTANT NOTES ON LOCAL LEVEL FIRE TRAINING**

- NOTE 1:** All courses require students to have at least a pen/pencil and notebook. Other student needs are listed for each course. **TOG** : Turn out gear (preferably meeting NFPA standards) consisting of helmet, ear/neck protection, eye protection, protective coat & pants, fire service boots, gloves; and, (preferably) **PASS** device. **WC**: Sturdy work clothing consisting of trousers and long sleeve shirt or coveralls, hard hat, eye protection, work gloves, and hard-toe shoes/boots; **SCBA**: Positive-pressure self contained breathing apparatus meeting NFPA standards.
- NOTE 2:** Certification as a D.O.H. Basic Rescue Technician will be an acceptable substitute for the following courses in meeting prerequisites for other courses: FRES-REPR-REPA-RORE
- NOTE 3:** ELIF may be accepted as meeting the prerequisite in place of EBM or IST.
- NOTE 4:** The following policy will govern the acceptance of "equivalencies" for the purpose of course prerequisite satisfaction only. This equivalency program will remain in effect until further notice.
- a. ELIS equivalencies - ZSFB, ZARFF, ZCIF, FFF, EBM, FSCO, FHSP, DHBR, DHVR, any previously state local level certified "safety & survival" course; either "metro" (Phila./Pgh.) recruit fire fighter program, HACC "Fire Academy" program.
  - b. ELIF equivalencies - ZSFB, EBM, FFF, either "metro" (Phila./Pgh.) recruit fire fighter program, HACC "Fire Academy" program, or certification as a Fire Fighter I.
  - c. All other specialty courses (such as TRCO, ECOP, RIPO, etc.) - Acceptance of similarly named and similar length courses previously certified as part of the Academy Resident or Local Level Training Program.
  - d. NICS-FS equivalent is ICS and IS 700A
- NOTE 5:** If ADFR is required as a prerequisite, the predecessor course FAD will be accepted.



## **CONTINUING EDUCATION (CON-ED) REQUIREMENTS FOR EMS PROVIDERS**

Through the cooperative efforts of the State Fire Academy and the PA Department of Health EMS Office, many Local Level courses are approved for continuing education credit for the purposes of maintaining EMS First Responder, EMT or Paramedic certification. In order to receive credit, the agency requesting the course or the Educational Training Agency conducting the course must register the course as a con-ed offering through a Con Ed Sponsor recognized by the Department of Health. Each student wishing con-ed credit must complete an individual DOH Con-Ed Registration at the start of class and meet all DOH con-ed attendance requirements.

Courses that are approved for EMS Con-Ed are denoted with a ♣. The DOH Con Ed Course number is noted, as is the con-ed value in med/trauma and "other" hours. Unless so noted, the hours listed are the same for EMS First Responder, EMT, and Paramedic/PHRN.

## LOCAL LEVEL COURSE LIST BY COURSE CODE

<b><u>CODE</u></b>	<b><u>COURSE TITLE</u></b>
AAB	<u>AIRPORT ANNUAL BURN</u>
AAEP	<u>ARSON AWARENESS FOR EMERGENCY RESPONSE PERSONNEL</u>
ACFR	<u>AIRCRAFT CRASH RESCUE SHORT COURSE</u>
ADFR	<u>ARSON DETECTION FOR FIRST RESPONDERS (NFA)</u>
AELA	<u>AERIAL APPARATUS PRACTICES</u>
AELX	<u>AERIAL APPARATUS PRACTICES EXTENDED</u>
AREO	<u>FIRE AND ARSON INVESTIGATION-ELECTRICAL 1 OVERVIEW</u>
ARFF	<u>AIRCRAFT RESCUE AND FIRE FIGHTING-STANDARDIZED FAA CURRICULUM</u>
ARIN	<u>FIRE ARSON INVESTIGATION</u>
ATRC	<u>TRUCK COMPANY OPERATIONS 2</u>
AUTO	<u>AUTOMATIC DETECTION AND SUPPRESSION SYSTEMS</u>
BCN	<u>BUILDING CONSTRUCTION: NON-COMBUSTIBLE AND FIRE RESISTIVE (NFA)</u>
BCP	<u>BUILDING CONSTRUCTION:WOOD FRAME AND ORDINARY (NFA)</u>
BIDA	<u>BLOODBORNE PATHOGENS AND INFECTIOUS DISEASE</u>
BPIDBR	<u>BLOODBORNE PATHOGENS AND INFECTIOUS DISEASE &amp; BIOLOGICAL AGENT REVIEW</u>
BRES	<u>BUS RESCUE</u>
BVRA	<u>BASIC VEHICLE RESCUE AWARENESS</u>
BVRC	<u>BASIC VEHICLE RESCUE – 48 HR OPTION</u>
BVRO	<u>BASIC VEHICLE RESCUE OPERATIONS</u>
BVRT	<u>BASIC VEHICLE RESCUE TECHNICIAN</u>
CORE	<u>CARBON MONOXIDE DETECTOR RESPONSE</u>
CPFP	<u>COMMUNICATIONS &amp; PUBLIC RELATIONS FOR FIRE POLICE</u>
CSR	<u>CONFINED SPACE RESCUE</u>
DCON	<u>DECONTAMINATION PRACTICES</u>
ECOP	<u>ENGINE COMPANY OPERATIONS</u>
EFFR	<u>ESSENTIALS REFRESHER</u>
ELEF	<u>EXTERIOR FIREFIGHTER</u>
ELFG	<u>FIRE GROUND SUPPORT</u>
ELFS	<u>ELECTRICAL EMERGENCIES</u>
ELIF	<u>INTERIOR FIREFIGHTER</u>
ELIS	<u>INTRODUCTION TO THE FIRE SERVICE</u>
EMLL	<u>EDUCATIONAL METHODOLOGY FOR LOCAL LEVEL INSTRUCTORS</u>
ERFP	<u>EMERGENCY RESPONSE FOR FIRE POLICE</u>
ERT:BC	<u>EMERGENCY RESPONSE TO TERRORISM:BASIC CONCEPTS (NFA)</u>
ERT:IM	<u>EMERGENCY RESPONSE TO TERRORISM:INCIDENT MANAGEMENT (NFA)</u>
ERTTC:CO	<u>EMERGENCY RESPONSE TO TERRORISM TACTICAL CONSIDERATIONS:COMPANY OFFICERS (NFA)</u>
ERTTC:EMS	<u>EMERGENCY RESPONSE TO TERRORISM TACTICAL CONSIDERATIONS:EMERGENCY MEDICAL SERVICES (NFA)</u>
ERTTC:HM	<u>EMERGENCY RESPONSE TO TERRORISM TACTICAL CONSIDERATIONS: HAZARDOUS MATERIALS (NFA)</u>
EVOC	<u>EMERGENCY VEHICLE DRIVER TRAINING PROGRAM</u>
EVRD	<u>DYNAMICS OF EMERGENCY VEHICLE RESPONSE</u>
FAFI	<u>FARM/BARN FIRE FIGHTING</u>
FFCE	<u>VOLUNTARY CERTIFICATION EVALUATOR DEVELOPMENT SEMINAR</u>
FFCP	<u>FIRE FIGHTER 1 SKILLS ENHANCEMENT COURSE</u>
FIPA	<u>ADVANCED FIRE POLICE</u>
FIPO	<u>FIRE POLICE</u>

FLBU	<u>FLAMMABLE LIQUID FIRE FIGHTING</u>
FMSP	<u>FIRE ATTACK IN SPRINKLERED PROPERTIES</u>
FRES	<u>GENERAL FIRE SERVICE RESCUE</u>
FRSE	<u>SILO EMERGENCIES</u>
HIRI	<u>HIGH RISE FIRE FIGHTING</u>
DHMA	<u>HAZARDOUS MATERIALS AWARENESS LEVEL 472</u>
DHMAR	<u>HAZARDOUS MATERIALS AWARENESS REFRESHER LEVEL 472</u>
HMBLS	<u>HAZARDOUS MATERIALS FOR BASIC LIFE SUPPORT (NFA)</u>
HMDP	<u>HAZARDOUS MATERIALS DEFENSIVE PRACTICES</u>
DHMO	<u>HAZARDOUS MATERIALS OPERATIONS LEVEL 472</u>
DHMOR	<u>OPERATIONS LEVEL ANNUAL REFRESHER TRAINING</u>
HSO	<u>HEALTH AND SAFETY OFFICER (NFA)</u>
HSTC	<u>HIGHWAY INCIDENT SCENE SAFETY AND TRAFFIC CONTROL</u>
ICERP	<u>INFECTION CONTROL FOE EMERGENCY RESPONSE PERSONNEL- THE SUPERVISOR'S ROLE (NFA)</u>
ICHO	<u>INCIDENT COMMAND SYSTEM FOR HIGH-RISE INCIDENTS</u>
ICS 100	<u>ICS ORIENTATION (EMI/DHS)</u>
ICS 200	<u>INCIDENT COMMAND SYSTEM; I-200, SINGLE RESOURCES and INITIAL ACTION INCIDENTS</u>
ICS 300	<u>INTERMEDIATE ICS FOR EXPANDING INCIDENTS</u>
ICS 400	<u>ADVANCED ICS FOR COMMAND AND GENERAL STAFF, COMPLEX INCIDENTS AND MACS</u>
ICSEMS	<u>INCIDENT COMMAND SYSTEM FOR EMERGENCY MEDICAL SERVICES (NFA)</u>
ICSSI	<u>INCIDENT COMMAND FOR STRUCTURAL COLLAPSE INCIDENTS</u>
IFBB	<u>INDUSTRIAL FIRE BRIGADE TRAINING, BASIC</u>
IFBC	<u>INDUSTRIAL FIRE BRIGADE COMPREHENSIVE</u>
IFBX	<u>INDUSTRIAL FIRE BRIGADE EXTENDED</u>
INFO	<u>INTRODUCTION TO FIRE OFFICERSHIP</u>
IS-700A	<u>NATIONAL INCIDENT MANAGEMENT SYSTEM (NIMS), AN INTRODUCTION</u>
IS 800B	<u>NATIONAL RESPONSE FRAMEWORK (NRF)</u>
ISSET	<u>EMPLOYEE SAFETY AND EXTINGUISHER TRAINING</u>
ISO	<u>INCIDENT SAFETY OFFICER (NFA)</u>
ITCO	<u>INSTRUCTIONAL TECHNIQUES FOR COMPANY OFFICERS (NFA)</u>
IUC MCI	<u>INTRODUCTION TO UNIFIED COMMAND FOR MULTI-AGENCY AND CATASTROPHIC INCIDENTS (NFA)</u>
IVESM	<u>INTRODUCTION TO VOLUNTEER EMERGENCY SERVICES MANAGEMENT (NFA)</u>
IWFSCO	<u>INTRODUCTION TO WILDLAND URBAN INTERFACE FIREFIGHTING FOR STRUCTURALCOMPANY OFFICERS (NFA)</u>
LAFS	<u>LEGAL ASPECTS FOR THE FIRE SERVICE</u>
LCFP	<u>LEGAL CONCEPTS FOR FIRE POLICE</u>
LDHO	<u>LARGE DIAMETER HOSE</u>
LODD	<u>FIREFIGHTER LINE OF DUTY DEATH AND INJURY WHY?</u>
LSI	<u>LEADERSHIP I: STRATEGIES FOR COMPANY SUCCESS – (NFA)</u>
LSII	<u>LEADERSHIP II: STRATEGIES FOR PERSONAL SUCCESS – (NFA)</u>
LSIII	<u>LEADERSHIP III: STRATEGIES FOR SUPERVISORY SUCCESS – (NFA)</u>
MCTO-D	<u>MANAGING COMPANY TACTICAL OPERATIONS: DECISION MAKING (NFA)</u>
MCTO-P	<u>MANAGING COMPANY TACTICAL OPERATIONS: PREPARATION (NFA)</u>
MCTO-T	<u>MANAGING COMPANY TACTICAL OPERATIONS: TACTICS (NFA)</u>
MCTO-S	<u>MANAGING COMPANY TACTICAL OPERATIONS: SIMULATION (NFA)</u>
MEDR	<u>PUBLIC RELATIONS FOR THE FIRE AND EMERGENCY SERVICES</u>
MIFI	<u>STORE, MALL, MERCANTILE FIRE FIGHTING</u>
NAEP	<u>NEW AERIAL APPARATUS FAMILIARIZATION</u>
NEFP	<u>FIRE POLICE IN NON-EMERGENCY OPERATIONS</u>
NFFB	<u>FOAM FIRE FIGHTING BASIC</u>
NFFT	<u>FOAM FIRE FIGHTING TECHNICIAN</u>

<u>NICS-FS</u>	<u>NIMS INCIDENT COMMAND SYSTEM FOR THE FIRE SERVICE (NFA/DHS)</u>
<u>PFEP</u>	<u>PUBLIC FIRE EDUCATION PLANNING (NFA)</u>
<u>PPEA</u>	<u>PROPANE EMERGENCIES AWARENESS</u>
<u>PPEO</u>	<u>PROPANE EMERGENCIES OPERATIONS</u>
<u>PPET</u>	<u>PROPANE EMERGENCIES TECHNICIAN</u>
<u>PPPE</u>	<u>PROPANE EMERGENCIES PRACTICAL EXERCISES</u>
<u>PUOA</u>	<u>PUMP OPERATIONS II</u>
<u>PUOP</u>	<u>PUMP OPERATIONS I</u>
<u>RAO</u>	<u>RESOURCE ACCOUNTABILITY OFFICER</u>
<u>RAR</u>	<u>RESOURCE ACCOUNTABILTIY RESPONDER</u>
<u>REPR</u>	<u>RESPIRATORY PROTECTION I</u>
<u>REPA</u>	<u>RESPIRATORY PROTECTION II</u>
<u>RFWM</u>	<u>RURAL FIREGROUND WATER MOVEMENT</u>
<u>RITC</u>	<u>RAPID INTERVENTION TEAMS</u>
<u>ROBR</u>	<u>BASIC RIGGING FOR ROPE RESCUE</u>
<u>RORE</u>	<u>ROPE/HIGH ANGLE RESCUE I</u>
<u>RORA</u>	<u>ROPE HIGH ANGLE RESCUE II</u>
<u>RTKN</u>	<u>COMMUNITY AND WORKER RIGHT-TO-KNOW</u>
<u>SBS</u>	<u>STRUCTURAL BURN SESSION</u>
<u>SCOA</u>	<u>STRUCTURAL COLLAPSE OPERATIONS LEVEL I</u>
<u>SCOF</u>	<u>STRUCTURAL COLLAPSE OPERATIONS LEVEL II</u>
<u>SFR</u>	<u>STRUCTURAL FIRE RESCUE</u>
<u>SSEP</u>	<u>STREET SURVIVAL FOR EMERGENCY MEDICAL PERSONNEL</u>
<u>SURV</u>	<u>FIRE FIGHTER SURVIVAL</u>
<u>TAWS</u>	<u>TANKER WATER SUPPLY</u>
<u>TFE</u>	<u>FORCIBLE ENTRY</u>
<u>TRCO</u>	<u>TRUCK COMPANY OPERATIONS I</u>
<u>TRRE</u>	<u>TRENCH RESCUE</u>
<u>TRVP</u>	<u>VENTILATION PRACTICES</u>
<u>VFOE</u>	<u>VEHICLE FIRES AND OTHER EMERGENCIES</u>
<u>VFSR</u>	<u>VOLUNTEER RETENTION AND RECRUITMENT-PROBLEMS AND SOLUTIONS</u>

## **Suppression Courses**

### **Structural/Operations** – PAGE 16

- Introduction to the Fire Service
- Fire Ground Support
- Exterior Firefighter
- Interior Firefighter
- Essentials Refresher
- Fire Fighter I Skills Enhancement Course
- Respiratory Protection I
- Respiratory Protection II
- Structural Burn Session
- Engine Company Operations
- Truck Company Operations I
- Truck Company Operations II
- Farm/Barn Fire Fighting
- Structural Fire Rescue
- Forcible Entry
- Ventilation Practices
- High Rise Fire Fighting
- Store/Mall/Mercantile Fire Fighting

### **Hazardous Materials** - PAGE 19

- Flammable Liquid Fire Fighting
- Foam Fire Fighting - Basic
- Foam Fire Fighting - Technician
- Liquefied Petroleum Gas/Natural Gas Emergencies
- Propane Gas Practical Exercises

### **Rescue** – PAGE 20

- Airport Annual Burn
- Aircraft Crash Rescue Short Course
- Aircraft Rescue And Fire Fighting - Standardized - FAA Curriculum
- Fire Fighter Survival
- Vehicle Fires And Other Emergencies

### **Industrial** – PAGE 21

- Industrial Fire Brigade Comprehensive
- Industrial Fire Brigade Extended

### **Wildland** – PAGE 21

- Basic Wildland Fire Fighting (PA-130)

## Non Suppression Courses

### Structural – PAGE 22

Building Construction: Non-Combustible And Fire Resistive - (NFA)  
Building Construction: Wood Frame And Ordinary - (NFA)  
Fire Attack In Sprinklered Properties

### Command/Hazardous Materials/Homeland Security – PAGE 22

Delmar Hazardous Materials Awareness Level  
Delmar Hazardous Materials Awareness Refresher  
Delmar Hazardous Materials Operations Level  
Delmar Hazardous Materials Operations Level Refresher  
Hazardous Materials for Basic Life Support  
Hazardous Materials Defensive Practices  
Decontamination Practices  
Emergency Response to Terrorism: Basic Concepts – (NFA)  
Emergency Response to Terrorism: Tactical Considerations – Company Officer – (NFA)  
Emergency Response to Terrorism: Tactical Considerations – Emergency Medical Services – (NFA)  
Emergency Response to Terrorism: Tactical Considerations – Hazardous Materials – (NFA)  
Emergency Response to Terrorism: Incident Management – (NFA)  
Bloodborne Pathogens and Infectious Diseases  
Bloodborne Pathogens, Infectious Disease & Biological Agent Review  
Infection Control For Emergency Response Personnel – The Supervisor’s Role (NFA)  
Incident Command for EMS – (NFA)  
Incident Command for High-Rise Operations – (NFA)  
ICS Orientation (I-100)  
Basic Incident Command System; I-200, Single Resources and Initial Action Incidents (ICS 200)  
Intermediate ICS for Expanding Incidents (ICS 300)  
Advanced ICS for Command and General Staff, Complex Incidents and MACS (ICS-400)  
NIMS An Introduction ((IS-700.A)  
National Response Framework (NRF) (IS 800.B)  
NIMS ICS for the Fire Service – (NFA)  
Incident Command for Structural Collapse Incidents – (NFA)  
Incident Safety Officer - (NFA)  
Intro to Unified Command for Multi-agency & Catastrophic Incidents (NFA)  
Carbon Monoxide Detector Response  
Community and Worker - Right To Know  
Electrical Emergencies  
Propane Emergencies Awareness  
Propane Emergencies Operations  
Propane Emergencies Technician

**Rescue** - PAGE 25

- Basic Vehicle Rescue Awareness
- Basic Vehicle rescue 48 Hour Delivery Option
- Basic Vehicle Rescue Operations
- Basic Vehicle Rescue Technician
- Bus Rescue
- Confined Space Rescue
- Basic Rigging For Rope Rescue
- Rope/High Angle Rescue I
- Rope/High Angle Rescue II
- Structural Collapse Operations - Level I
- Structural Collapse Operations - Level II
- Trench Rescue
- Silo Emergencies
- Rapid Intervention Teams
- General Fire Service Rescue

**Fire Investigation** – PAGE 28

- Arson Awareness for Emergency Response Personnel
- Arson Detection for First Responders – (NFA)
- Fire Arson Investigation
- Fire and Arson Investigation - Electrical I Overview
- Juvenile Firesetter Intervention Specialist I
- Juvenile Firesetter Intervention Specialist II

**Apparatus** – PAGE 29

- Aerial Apparatus Practices
- Aerial Apparatus Practices Extended
- New Aerial Apparatus Familiarization
- Emergency Vehicle Driver Training Program
- Dynamics of Emergency Vehicle Response
- Highway Incident Scene Safety and Management
- Pump Operations I
- Pump Operations II
- Large Diameter Hose
- Rural Fire Ground Water Movement
- Tanker Water Supply

**Fire Police** – PAGE 31

- Fire Police
- Advanced Fire Police
- Communications & P.R. For Fire Police
- Emergency Response for Fire Police
- Legal Concepts for Fire Police
- Fire Police in Non-Emergency Operations

**Industrial** – PAGE 31

Employee Safety and Extinguisher Training  
Industrial Fire Brigade Training, Basic

**Management/ Instructor Development** – PAGE 32

Automatic Detection and Suppression Systems  
Building Construction: Non-Combustible and Fire Resistive (NFA)  
Building Construction: Wood and Ordinary (NFA)  
Educational Methodology for Local Level Instructors  
Electrical Emergencies  
Firefighter Line of Duty Death and Injury WHY?  
Health and Safety Officer - (NFA)  
High – Rise Fire Fighting  
Instructional Techniques for Company Officers - (NFA)  
Introduction To Fire Officership  
Introduction to Volunteer Emergency Services Management (NFA)  
Leadership I: Strategies for Company Success – (NFA)  
Leadership II: Strategies for Personal Success – (NFA)  
Leadership III: Strategies for Supervisory Success – (NFA)  
Legal Aspects for Fire Service  
Management of Emergency Medical Systems  
Managing Company Tactical Operations: Preparation (NFA)  
Managing Company Tactical Operations: Decision Making (NFA)  
Managing Company Tactical Operations: Tactics (NFA)  
Managing Company Tactical Operations: Simulation (NFA)  
Public Fire Education Planning - (NFA)  
Public Relations for the Fire and Emergency Services  
Voluntary Certification Evaluator Development Seminar  
Resource Accountability Officer  
Resource Accountability Responder  
Store, Mall, Mercantile Fire Fighting  
Street Survival For Emergency Medical Personnel  
Voluntary Certification Evaluator Development Seminar  
Volunteer Retention And Recruitment

**Wildland** - PAGE 40

Introduction to Wildland Urban Interface Firefighting for Structural Company  
Officers – (NFA)

# SUPPRESSION COURSES

## Structural/Operations

### INTRODUCTION TO THE FIRE SERVICE

ELIS

16 HOURS                      PREREQUISITE:        NONE

This course is designed to introduce new firefighters to basic information including an overview of the fire service, fire service organization, firefighter safety, personal protective equipment and terrorism awareness. This is the first of four courses in the curriculum.

### FIREGROUND SUPPORT

ELFG

32 HOURS                      PREREQUISITE:        ELIS

This course is designed to introduce new firefighters to fireground operation including fire behavior, fire extinguishers, water supply, fire hose, ropes, and hazardous materials. This is the second of four courses in the curriculum

### EXTERIOR FIREFIGHTER

ELEF

52 HOURS                      PREREQUISITE:        ELFG

This course is designed to introduce new firefighters to exterior fireground operation including building construction, ladders, communications, protective systems/sprinklers, forcible entry, and fire prevention. This is the third of four courses in the curriculum.

### INTERIOR FIREFIGHTER

ELIF

40 HOURS                      PREREQUISITE:        ELEF

This course is designed to introduce new firefighters to interior fireground operation including nozzles and streams, SCBA, rescue, ventilation, fire suppression, salvage, and firefighter survival. This is the fourth of four courses in the curriculum.

### ESSENTIALS REFRESHER\*

EFFR

24 HOURS                      PREREQUISITE:        ELIF

CE # 000583                  2 hours                  0/2

This course will review the skills learned in *The Pennsylvania Essentials of Fire Fighting* course or any of its predecessors. Topics reviewed include: hose, ladders, and the use of SCBA.

Student will need: TOG, SCBA

### FIRE FIGHTER I SKILLS ENHANCEMENT COURSE

FFCP

32 HOURS                      PREREQUISITE:        ELIF

This course is designed for *experienced and trained fire fighters* to refresh and reinforce Fire Fighter I (per Chapter 3 of NFPA # 1001) competencies. These are the basic knowledge's and skills required by any fire fighter who wishes to work efficiently, effectively and safely as part of a team on the fire ground. The course is designed to offer more focused practical skills application than the shorter *Essentials Refresher (EFFR)*

Students will need: TOG; SCBA with spare cylinder; PASS device

RESPIRATORY PROTECTION I♣

REPR

16 HOURS                      PREREQUISITE: ELIF  
CE # 006081                  2 hours                      0/2

This course is designed to familiarize the student with basic respiratory protection. Topics include: the human respiratory system, effects of toxic atmospheres, and self-contained breathing apparatus. Live drills are part of this course.

Student will need: PPE appropriate to the environment and SCBA

RESPIRATORY PROTECTION II♣

REPA

16 HOURS                      PREREQUISITE: ELIF or REPR  
CE # 006082                  1 hour                        0/1

This enhanced training builds on the basic skills learned in the prerequisite. It will enhance the abilities of SCBA users, build their confidence in using the apparatus, and prepare them for the more complex situations that they may encounter (i.e. rapid intervention team work, restricted horizontal/vertical spaces, etc.)

Student will need: TOG or other appropriate PPE, SCBA

STRUCTURAL BURN SESSION

SBS

16 HOURS                      PREREQUISITE:              ELIF

This course will provide the student with a review of the techniques used in safe fire fighting tactics in an actual structural fire environment. Emphasis is placed on safety for both interior and exterior operations. Student will need: TOG, SCBA

ENGINE COMPANY OPERATIONS

ECOP

16 HOURS                      PREREQUISITE:              ELIF

This course provides instruction in the duties and responsibilities of an engine company. Topics include: positioning of apparatus, use of attack and back-up lines, search and rescue, and water supply.

Student will need: TOG, SCBA

TRUCK COMPANY OPERATIONS I

TRCO

16 HOURS                      PREREQUISITE:              ELIF

This course will introduce the student to the basic duties of a truck company including hand and power tool operation, search and rescue, and ventilation. Truck company support to the engine company is also covered.

Student will need: TOG, SCBA

TRUCK COMPANY OPERATIONS II

ATRC

16 HOURS                      PREREQUISITE:              TRCO

This course is designed for the fire fighter to apply and refine his/her knowledge of truck company operations. Topics include: vehicle placement, forcible entry, search and rescue, water supply, aerial operation, building construction, fire travel, and ventilation.

Student will need: TOG, SCBA

FARM AND BARN FIRE FIGHTING♣

FAFI

16 HOURS                      PREREQUISITE:              ELIF  
CE # 002090                  1 hour                        0/1

This course is designed to deal with fires in barns and other farm structures. Topics discussed in this course include: water supply, safety, and command. The priority system which governs fire attack options is also discussed.

Student will need: TOG

STRUCTURAL FIRE RESCUE ♣

SFR

16 HOURS                      PREREQUISITE:      ELIF  
CE # 006087                  4 hours                  4/0

This course will instruct the student in methods of rescue of victims from buildings under fire conditions. Safe operations will be emphasized during drills under fire conditions.

Student will need: TOG, SCBA

FORCIBLE ENTRY ♣

TFE

16 HOURS                      PREREQUISITE:      ELIF  
CE # 006094                  8 hours                  0/8

This course will provide the fire fighter with a better understanding of building construction. Also covered are opening techniques and the use of tools for safe and quick access to a structure.

Student will need: TOG, SCBA

VENTILATION PRACTICES

TRVP

16 HOURS                      PREREQUISITE:      ELIF

This course will provide the student with the knowledge and skills to safely and efficiently perform ventilation in various situations. The course will build on the basic ventilation concepts learned in the Essentials I course. Topics include: building construction, air movement, tools and their use, natural and forced ventilation, and negative and positive pressure ventilation.

Student will need: TOG, SCBA

HIGH RISE FIRE FIGHTING ♣

HIRI

16 HOURS                      PREREQUISITE: ECOP, TRCO, NICS-FS  
CE # 000591                  1 hour                  0/1

This course, designed for experienced fire personnel, will provide instruction in fighting fires in high rise buildings. The special problems encountered by the fire fighter in this type of fire are also discussed. Safe operations and the use of a tactical checklist are stressed.

STORE, MALL, MERCANTILE FIRE FIGHTING

MIFI

16 HOURS                      PREREQUISITE: ECOP, TRCO, and NICS-FS

This course provides instruction in the building construction of stores, malls, and mercantile buildings. Fire fighting operations in stores and malls, and support operations for fire protection systems are also presented. Tours to mercantile structures are generally included.

## Hazardous Materials

### FLAMMABLE LIQUID FIRE FIGHTING

FLBU

16 HOURS PREREQUISITE: ELIF and HAZ MAT OPS

This course provides instruction to the students about fires involving various liquids with emphasis on hydrocarbon fuels. Methods to extinguish fires are discussed and then practiced during live fire exercises.

Student will need: TOG, SCBA **NOTE: Availability is limited due to the need for an adequate live-burn facility to meet course requirements; check with PSFA for details.**

### FOAM FIRE FIGHTING BASIC

NFFB

7 HOURS PREREQUISITE: ELIF

This course, developed by National Foam, introduces the fire fighting first responder to basic information on the use of foam as a flammable liquid fire suppression agent.

Student will need: TOG

### FOAM FIRE FIGHTING TECHNICIAN

NFFT

16 HOURS PREREQUISITE: ELIF

This course, developed by National Foam, is designed for the student whose duties require a more extensive knowledge of foam and its properties than that offered by the shorter *Foam Fire Fighting Basic (NFFB)*. They will receive the information on correctly select the proper foam concentrate based on the hazard, foam terminology, application rates and techniques, proportioning equipment, discharge devices, and troubleshooting.

Students will need: TOG

### LIQUIFIED PETROLEUM/NATURAL GAS EMERGENCIES

LPGE

16 HOURS PREREQUISITE: ELIF

This course is intended to cover the properties and characteristics of fire and leak emergencies involving L.P.G. and L.N.G. Practical exercises provide instruction in controlling live fires

### PROPANE GAS PRACTICAL EXERCISES

PPPE

8 HOURS PREREQUISITES: ELIF AND PPEO OR PPET

This course is designed for the student who is competent in basic fire fighting skills such as hose line handling and SCBA, and who has a fundamental knowledge of propane/LNG and LNG container behavior under emergency conditions. It permits the material learned in the prerequisite SFA Local Level Course *Propane Emergencies Operations (PPEO)* or *Propane Emergencies Technician* to be applied to live-fire LNG scenarios using a variety of props.

Students will need: TOG and SCBA

## Rescue

### AIRPORT ANNUAL BURN♣

AAB

8 HOURS PREREQUISITE: ARFF  
CE # 000579 1.5 hours 0/1.5

Designed for **experienced ARFF fire fighters**, this course will consist of a brief review of ARFF and safety procedures, followed by attacks on a variety of aircraft fire scenarios. The course meets the FAA Part 139 annual live-fire training requirement for fire fighters at certificated airports.

Students will need: TOG and SCBA **NOTE: Availability is limited due to the need for an adequate live-burn facility to meet course requirements; check with PSFA for details.**

### AIRCRAFT CRASH RESCUE - SHORT COURSE♣

ACFR

16 HOURS PREREQUISITE: ELIF  
CE # 006071 6.5 hours 0/6.5

This course provides instruction in extinguishing and controlling fires, rescue and evacuation techniques, and dealing with emergency situations resulting from an aircraft crash. This course is especially aimed at 'off-airfield' municipal or volunteer fire fighters who have airports within their jurisdiction.

Students will need: TOG, SCBA

### AIRCRAFT RESCUE AND FIRE FIGHTING, FAA CURRICULUM♣

ARFF

40 HOURS PREREQUISITE: NONE  
CE # 006072 6 hours 1/5

This course is designed to meet FAA requirements for airport rescue and fire fighting personnel employed or used at Part 139-certificated airports. Topics include airport familiarization, aircraft structure, tools for aircraft emergencies, search and rescue methods and a live burn session. It is instructed to the standard FAA curriculum.

Students will need: TOG, SCBA **NOTE: Availability is limited due to the need for an adequate live-burn facility to meet course requirements; check with PSFA for details.**

### FIRE FIGHTER SURVIVAL♣

SURV

16 HOURS PREREQUISITE: ELIF  
CE # 000598 2.5 hours 0/2.5

This is a comprehensive program dealing with the knowledge and skill needed to effect rescue as a member of a Rapid Intervention Team. The course also demonstrates 'last-ditch' self-rescue techniques (some of which are not seen in the books). These emergency procedures, though involving some risk themselves, are designed to be useable when the only other alternative is to die. Emphasis will be placed on search techniques, communications, accountability, and self-rescue procedures. This course is best suited to students who, in addition to the prerequisite training, have at least a 'ground-floor' level of on-the-street practical firefighting experience.

Students will need: TOG; SCBA with spare cylinder; PASS device

### VEHICLE FIRES AND OTHER EMERGENCIES♣

VFOE

16 HOURS PREREQUISITE: ELIF  
CE # 006065 4 hours 0/4

This course will inform students of the hazards encountered at these common emergencies. Emphasis is placed on changes in vehicle design that have an effect on the way vehicle fires must be handled to insure safety of responders and the public. Proper strategy and tactics are covered, and hands-on experience allows application of these in a 'real life' context.

Students will need: TOG, SCBA, eye protection

## **Industrial**

### **INDUSTRIAL FIRE BRIGADE COMPREHENSIVE**

**IFBC**

24 HOURS                      PREREQUISITE:        NONE

The industrial fire brigade member is instructed in the skills necessary to function as a member of an interior structural fire brigade as defined by OSHA's Fire Brigade Regulations. Topics include: hose line advancement, extinguisher selection and use, respiratory protection, personal protective equipment, and salvage practices. Practical application of these skills in a "hands-on" manner is provided.

Student will need: TOG, SCBA

### **INDUSTRIAL FIRE BRIGADE EXTENDED**

**IFBX**

16 HOURS                      PREREQUISITE:        NONE

This course provides instruction in a more detailed format of the knowledge and skills required of members of incipient fire brigades as defined by OSHA.

Student will need: TOG

## **Wildland**

### **BASIC WILDLAND FIREFIGHTER /PA-130**

**WFBB**

16 HOURS                      PREREQUISITE:        NONE

The course emphasizes safety, basic skills and teamwork in preparing individual wildland firefighters to work together as an effective firefighting unit.

## **NON-SUPPRESSION COURSES**

### **Structural**

#### **BUILDING CONSTRUCTION: NON-COMBUSTIBLE AND FIRE RESISTIVE (NFA)**

**BCN**



DECOMINATION PRACTICES

DCON

8 HOURS PREREQUISITES: Haz-mat First Responder Operations level certification or training per NFPA 472 and/or 29CFR1910.120[q] and a good working knowledge of personal protective equipment (PPE).

Upon successful completion of this course, the student shall be able to identify and demonstrate proper levels of PPE as they relate to Decon. They will also be able to identify and demonstrate proper Decontamination procedures in various scenarios. This is a hands on program developing proficiencies when working with hazardous material and WMD emergencies to assist Hazardous Materials Teams and Strike Teams at the Operations level. This will be done with drills in setting up zones, identifying material and its properties, and identifying levels of protective clothing necessary. Drills in proper types of decontamination will be included. This will be achieved using as many items commonly available or easily accessibly to fire personnel and Hazardous Materials Teams. Students will need: TOG and SCBA

EMERGENCY RESPONSE TO TERRORISM: BASIC CONCEPTS (NFA) ♣

ERT:BC

16 HOURS PREREQUISITE: IAFF or HMOR or HM Ops Cert  
CE # 000530 14 hours 0/14

Any area of Pennsylvania, rural, suburban, or urban, is susceptible to an incident involving terrorist or criminal activity. This course is intended to provide students with a general understanding and recognition of terrorism, defensive considerations (biological, chemical, nuclear, incendiary, or explosive) as well as command & control issues associated with criminal incidents

EMERGENCY RESPONSE TO TERRORISM: TACTICAL CONSIDERATIONS –  
COMPANY OFFICER (NFA) ♣

ERT:TC:CO

16 HOURS PREREQUISITE: ELFG and ERT:BC or ERT:SS or TODP  
CE # 002088 7 hours 0/7

This course is designed for the first on-the-scene supervisor (Company Officer). Students will be able to identify outward warning signs or indicators of terrorism, anticipate unusual response circumstances, assess information and take corrective actions, and determine strategies for surviving these hazardous conditions. Students will be expected to apply their knowledge about response to identify and preserve evidence, manage site safety, document the event, and debrief personnel.

EMERGENCY RESPONSE TO TERRORISM: TACTICAL CONSIDERATIONS-  
EMS (NFA) ♣

ERT:TC:EMS

16 HOURS PREREQUISITE: ELFG and ERT:BC or ERT:SS or TODP  
CE # 001786 14 hours 7/7

This course was designed for the first on-the-scene responding EMS personnel with the responsibility to render patient care to victims of terrorist incidents. Secondly, this two-day course was designed to cover the needs of response personnel, who would be career, and volunteer fire fighters, EMS industrial contractors, allied health personnel or members of the military or other government agencies.

EMERGENCY RESPONSE TO TERRORISM: TACTICAL CONSIDERATIONS-  
HAZ-MAT (NFA) ♣

ERT:TC:HM

16 HOURS PREREQUISITE: ELFG and HM Tech Cert and ERT:BC or ERT:SS or TODP  
CE # 002089 7 hours 0/7

This course was designed for the first-on-the-scene career or volunteer hazardous material technician or persons with Haz Mat responsibilities for developing initial tactical considerations. The student will be trained in security considerations, identifying signs of terrorism, anticipating unusual response circumstances, assessing information and taking corrective actions, and importantly determining strategies for survival. The student will also

apply his/her knowledge about response to Biological, Nuclear, Incendiary, Chemical, and Explosive (B-NICE) events: identifying and preserving evidence, managing site safety, mitigating the incident, documenting the event, and debriefing personnel.

DELMAR HAZARDOUS MATERIALS AWARENESS LEVEL ♣ DHMA

7 HOURS PREREQUISITE: NONE  
CE #002001 4 hours 0/4

This course will provide instruction in the basic skills of identifying hazardous materials problems in a community, recognize hazardous materials presence, identify hazardous materials and the associated hazard characteristics.

HAZARDOUS MATERIALS AWARENESS REFRESHER ♣ DHMAR

3 HOURS PREREQUISITE: HMA  
CE # 002084 2 hours 1.75/.25

This course will provide the student with a basic review of skills needed to identify hazardous materials problems, recognize the presence of hazardous materials, and identify hazardous materials and their associated dangers. This course will meet the requirements for annual review under NFPA 472.

DELMAR HAZARDOUS MATERIALS OPERATIONS ♣ DHMO

24 HOURS PREREQUISITE: Able to read & write at 8<sup>th</sup> grade level  
CE # 002011 24 hours 12/12

This course is designed to prepare the student to respond to hazardous materials incidents at the Operational Level in accordance to NFPA 472.

DELMAR HAZARDOUS MATERIALS OPERATIONS LEVEL REFRESHER ♣ DHMOR

6 HOURS PREREQUISITE: HMO or IAFF or HMDP or Ops cert  
CE # 002012 6 hours 2/4

This course will provide the student with a review of the skills necessary to operate at the "Operations Level" at a hazardous materials incident. This course will meet the requirements for annual refresher training per NFPA 472.

HAZARDOUS MATERIALS FOR BASIC LIFE SUPPORT (NFA) ♣ HMBLS

16 HOURS PREREQUISITE: RIHM  
CE # 002085 11 hours 3/8

This National Fire Academy "hand-off" course provides training in the applicable knowledge-based competencies of the OSHA Haz-Mat First Responder Operations level for EMTs and others responsible for providing emergency medical care at the scene of a hazardous materials incident

HAZARDOUS MATERIALS: DEFENSIVE PRACTICES ♣ HMDP

16 HOURS PREREQUISITE: IAFF or HISI or HM Ops Trg or HM Ops Cert  
CE # 002096 4 hours 0/4

This course is designed to improve safety and effectiveness of response actions to hazardous materials emergencies. Topics covered include: basic knowledge of planning, incident response management processes, and defensive strategies and tactics and their actual application during emergency operations.

Student will need: TOG, SCBA and 3/4 length boots/hip waders

INFECTON CONTROL FOR EMERGENCY RESPONSE PERSONNEL - THE SUPERVISOR'S ROLE (NFA) ♣ ICERP

16 HOURS PREREQUISITE: NONE  
CE # 003014 16 hours 0/16

Anyone in emergency services can and will (sooner or later) be exposed to communicable disease in the performance of their duties. This course is targeted at officers and other supervisors of emergency response personnel. The course stresses protection of the individual and the station/department from the full range of communicable diseases spread through occupational exposure; course objectives are in line with applicable federal regulations and consensus standards.

INCIDENT COMMAND SYSTEM FOR EMERGENCY MEDICAL SERVICES (NFA) ICSEMS  
16 HOURS PREREQUISITE: NFA *ICS SELF-STUDY COURSE* or basic familiarity with the ICS ♣

CE # 000531 16 hours 0/16

This National Fire Academy “hand-off” course presents the Incident Command System common to all emergency response organizations from the perspective of emergency medical services responders.

INCIDENT COMMAND SYSTEM FOR HIGH-RISE OPERATIONS ICHO  
16 HOURS PREREQUISITE: NICS-FS or ICS

This course is designed to assist emergency response officers in organizing high-rise incidents by organizing resources, developing strategies, and managing tactical operations and interagency coordination, to protect life and minimize damage at high-rise incidents. This course is intended for fire service officers who have responsibility for managing high-rise incidents.

ICS ORIENTATION (I-100) (EMI/DHS)♣ ICS 100

9 HOURS PREREQUISITE: NONE

CE# 001641 3.5 hours 0/3.5

This course will discuss the need for a management system during major emergencies and disasters. The student will learn the five functions of the ICS, the command staff functions, organizational structure of the ICS, common terminology used in the ICS, responsibilities of emergency responders, and the facilities used in the ICS. The student will also learn what Multi-Agency Coordination Systems are and do; as well as, when Unified Command Systems are used. This course is compatible with the training requirements of the National Incident Management System (NIMS). It is designed mainly for allied professionals (public works, transportation agency, etc) and others who might conceivably perform functions at an emergency incident. This course is compatible with the training requirements of the National Incident Management System (NIMS).

INCIDENT COMMAND SYSTEM; I-200, SINGLE RESOURCES and INITIAL ACTION INCIDENTS ICS 200

16 HOURS PREREQUISITE: ICS-100 or Equivalent

CE# applied for

This course will cover the following topics: Leadership and Management, Delegation of Authority and Management by Objectives, Functional Areas and Positions, Briefings, Organizational Flexibility and Transfer of Command.

INTERMEDIATE ICS FOR EXPANDING INCIDENTS

ICS 300

24 HOURS PREREQUISITE: NIMS ICS for the Fire Service NFA (NICS-FS), **or** Incident Command System NFA (ICS) plus NIMS An Introduction (IS-700), **or** NIMS ICS for Emergency Medical Services (NICS-EMS), **or** Incident Command System for Emergency Medical Services NFA (ICS/EMS) plus NIMS An Introduction (IS-700), **or** an equivalent course(s) accredited by the Emergency Management Institute (EMI), National Fire Academy (NFA), National Wildland Coordinating Group (NWCG), US Coast Guard (USCG), or the National Park Service (NPS).

CE# applied for 24 hours 11/13

This course is designed to provide overall incident management skills rather than tactical expertise. The course will cover the implementation of the incident management process on Type 3 incidents, define a Type 3 incident, and the development of an Incident Action Plan. Determining capabilities to match Incident complexity will be discussed. When and how to add appropriate ICS positions to match the complexity of the incident will be explored. The use of Incident Management Teams will be discussed

INTRODUCTION to UNIFIED COMMAND for MULTI-AGENCY and CATASTROPHIC INCIDENTS (NFA) IUC-MCI

16 HOURS                      PREREQUISITES: **ONE** OF THE FOLLOWING:

NIMS ICS for the Fire Service (NICS-FS), or Incident Command System NFA (ICS) plus NIMS Orientation (IS-700), or Incident Command System for Emergency Medical Services NFA (ICS/EMS), or an equivalent course from any Emergency Response Service organization.

This course is designed to assist emergency response personnel in the understanding of, and the ability to apply, the Incident Command System (ICS) when multiple agencies are involved at major and catastrophic incidents, and to provide a better understanding of operations under a Unified Command (UC).

ADVANCED ICS FOR COMMAND AND GENERAL STAFF, COMPLEX INCIDENTS AND MACS  
ICS 400

16 HOURS                      PREREQUISITE: ICS-300: Intermediate ICS for Expanding Incidents for Operational First Responders or An equivalent 300 level course accredited by the Emergency Management Institute (EMI), National Fire Academy (NFA), National Wildland Coordinating Group (NWCG), US Coast Guard (USCG), or the National Park Service (NPS).

CE# applied for              16 hours              7.5/8.5

This course is designed to provide overall incident management skills rather than tactical expertise. This course will discuss how major incidents pose special management challenges. It will explore the circumstances in which an Area Command is established and describe the circumstances in which multi-agency coordination systems are established. This course is designed for senior personnel who are expected to perform in a management capacity in an Area Command or multi-agency coordination system.

NATIONAL INCIDENT MANAGEMENT SYSTEM (NIMS)–AN INTRODUCTION (EMI DHS) ♣

**8** HOURS                      PREREQUISITE:              NONE                      IS-700.A  
CE# 001301                      3                      0/3

This course introduces the student to the National Incident Management System (NIMS); the need for NIMS, what NIMS is, and NIMS compliance. On February 28, 2003, President Bush issued Homeland Security Presidential Directive–5 which directed the Secretary of Homeland Security to develop and administer a National Incident Management System (NIMS). This 4-hour course will explain what NIMS is and will answer the following questions.

- What is that National Incident Management System?
- Why Do We Need a National Incident System?
- What are the Concepts and Principles of NIMS?
- What are the Components of NIMS?
- What are the NIMS requirements?
- What does our Fire Department need do so we comply?

Although there is no prerequisite, this course is principally designed to bring those already trained or experienced in the NFA ICS system “up-to-date” with the NIMS concept.

NATIONAL RESPONSE FRAMEWORK, AN INTRODUCTION (NRF) IS- 800.B

**9** HOURS                      PREREQUISITE:              NONE

CE# applied for

This 4-hour course will provide an overview of the National Response Plan and its correlation to NIMS via lecture and by Instructor led small group exercises and activities to address the

following: 1)Roles and responsibilities of Federal, State, local, and tribal governments, and private-sector organizations. 2)Coordinating structures in the field and at the regional and national levels. 3)Field-level organizations and teams that support and manage an incident. Incident management actions, including notification and assessment, activation, deployment, and demobilization. 4)Implementation schedule for the National Response Plan and its supporting protocols.

NIMS INCIDENT COMMAND SYSTEM FOR THE FIRE SERVICE (NFA/DHS)♣ NICS-FS

16 HOURS PREREQUISITE: ELIF and IS 700A

CE # 001642 9 hours 0/9

This course replaces the National Fire Academy course *Incident Command System*. NICS-FS provides instruction in the command skills necessary to effectively use, deploy, implement, and/or function within a departmental ICS. The course includes guidelines and scenario practice applying ICS. Resource information for setting up a departmental ICS is also provided. This course was revised in 2005 to be compatible with the training requirements of the National Incident Management System (NIMS)

INCIDENT COMMAND SYSTEM FOR STRUCTURAL COLLAPSE OPERATIONS ICSSC

16 HOURS PREREQUISITE: NICS-FS or NICS-EMS or ICS

This course is designed to assist emergency response officers in responding to structural collapse incidents by organizing resources, developing strategies, and managing tactical operations and interagency coordination, to protect life and minimize losses at collapse incidents. This course is intended for fire command officers.

PROPANE EMERGENCIES AWARENESS♣ PPEA

4.5 HOURS PREREQUISITE: ELFG or RIHM or HMAR or HM Aware Cert

CE # 002103 1 0/1

This program has been designed for emergency response personnel (law enforcement, EMS, emergency management, entry-level fire service personnel, public works and transportation employees) whose duties meet the OSHA definition of the Awareness level of hazardous materials response. Students will learn about the basic properties and hazards of propane and liquefied petroleum gases, and will be able to take appropriate actions consistent with the limitations of the Awareness level to protect lives and property during propane incidents.

PROPANE EMERGENCIES OPERATIONS♣ PPEO

8 HOURS PREREQUISITE: ELIF or EBM and IAFF or HISI or HMOR or HM Ops Cert

CE # 002121 1 0/1

This program has been designed for fire fighters and related emergency response personnel whose duties meet the OSHA definition of the Operations level of hazardous materials response. Students will learn about the basic properties and hazards of propane and liquefied petroleum gases, containment vessel characteristics, and control strategies for the more common types of propane emergencies (consistent with the limitations of the Operations level).

PROPANE EMERGENCY TECHNICIAN♣ PPPT

24 HOURS PREREQUISITE: ELFG or IAFF or HISI or HMOR or HM Ops Cert

CE # 002122 1 0/1

This program has been designed for fire fighters and related emergency response personnel whose duties meet the OSHA definition of the Operations level of hazardous materials response, but whose response area includes more complex propane problems such as large-capacity fixed storage or bulk filling facilities. Students will learn about the basic properties and hazards of propane and liquefied petroleum gases, containment vessel characteristics, and control strategies for the more complex as well as more common types of propane emergencies.

PROPANE GAS PRACTICAL EXERCISES

PPPE

8 HOURS PREREQUISITES: PPEO OR PPET

This course is designed for the student who is competent in basic fire fighting skills such as hose line handling and SCBA, and who has a fundamental knowledge of propane/LNG and LNG container behavior under emergency conditions. It permits the material learned in the prerequisite SFA Local Level Course *Propane Emergencies Operations (PPEO)* or *Propane Emergencies Technician* to be applied to live-fire LNG scenarios using a variety of props. Students will need: TOG and SCBA

**Rescue**

BASIC VEHICLE RESCUE AWARENESS♣

BVRA

16 HOURS PREREQUISITE: NONE Must be at least 16 y.o.

CE # 006091 10 hours 2/8

This is the first of a three course series, jointly sponsored by the Academy and the Department of Health EMS Office. Successful completion of all three modules within eighteen months will earn the student joint SFA/DOH certification as a Vehicle Rescue Technician. The Pennsylvania Vehicle Rescue Training Curriculum places emphasis upon the development of knowledge and skills to be used by rescue personnel to achieve a safe and efficient vehicle rescue operation. While not teaching patient care, i.e. medical treatment, this program will provide those rescue personnel with no formal medical training with a strong orientation to patient related rescue. Upon the completion of this course the student will have an understanding of vehicle rescue, hazards of vehicle rescue operations, ICS phases of vehicle rescue. The student will also have a understanding of vehicle technology and design. This course is intended for personnel who need to have an awareness of vehicle rescue operations and how to assist a rescue company at a rescue scene.

Students will need: TOG and eye protection

BASIC VEHICLE RESCUE OPERATIONS♣

BVRO

16 HOURS PREREQUISITE: BVRA

CE # 006092 11 hours 2/9

This is the second of a three course series, jointly sponsored by the Academy and the Department of Health EMS Office. Successful completion of all three modules within eighteen months will earn the student joint SFA/DOH certification as a Vehicle Rescue Technician. The Pennsylvania Vehicle Rescue Training Curriculum places emphasis upon the development of knowledge and skills to be used by rescue personnel to achieve a safe and efficient vehicle rescue operation. While not teaching patient care, i.e. medical treatment, this program will provide those rescue personnel with no formal medical training with a strong orientation to patient related rescue. This course is intended for personnel who have already taken the BVR Awareness course in the past. This course teaches the student the use of hand tools in vehicle rescue operations and how to access and package the patient at the accident scene. Post rescue operations are also discussed.

Students will need: TOG and eye protection

BASIC VEHICLE RESCUE TECHNICIAN♣

BVRT

16 HOURS PREREQUISITE: BVRO

CE # 006093 11 hours 2/9

This is the second of a three course series, jointly sponsored by the Academy and the Department of Health EMS Office. Successful completion of all three modules within eighteen months will earn the student joint SFA/DOH certification as a Vehicle Rescue Technician. The Pennsylvania Vehicle Rescue Training Curriculum places emphasis upon the development

of knowledge and skills to be used by rescue personnel to achieve a safe and efficient vehicle rescue operation. While not teaching patient care, i.e. medical treatment, this program will provide those rescue personnel with no formal medical training with a strong orientation to patient related rescue. This course is intended for personnel who have already completed BVR Awareness and BVR Operations courses in the past. This course gives the student the knowledge of power tool usage and disentanglement techniques. Students will need: TOG and eye protection

BASIC VEHICLE RESCUE – 48 HOUR SCHEDULING OPTION♣

BVRC

48 HOURS PREREQUISITE: BVRO  
CE # 006090 28 hours 4/24

This course, jointly sponsored by the Academy and the Department of Health EMS Office, offers an “all at once” scheduling option for the Pennsylvania Vehicle Rescue curriculum. Successful completion of this course will earn the student joint SFA/DOH certification as a Vehicle Rescue Technician. The Pennsylvania Vehicle Rescue Training Curriculum places emphasis upon the development of knowledge and skills to be used by rescue personnel to achieve a safe and efficient vehicle rescue operation. This course, like its three-module scheduling option, contains all materials necessary to meet the needs of fire, rescue and ambulance services currently providing for vehicle rescue operations on our highways. While not teaching patient care, i.e. medical treatment, this program will provide those rescue personnel with no formal medical training with a strong orientation to patient related rescue. Students will need: TOG and eye protection

BUS RESCUE♣

BRES

16 HOURS PREREQUISITE: BVRO  
CE # 006074 11 hours 3/8

This course provides instruction in handling accidents and/or fires involving various types of buses. Safe procedures for rescue of victims from bus vehicles are emphasized. Student will need: TOG

CONFINED SPACE RESCUE♣

CSR

16 HOURS PREREQUISITE: REPA and RORA  
CE # 006076 7.5 hours 6.5/1

Students will learn a plan of operation, tools, manpower and manipulation skills required to perform safe removal of victims from limited space confinement. Emphasis is placed on safety and the psychological effects of confined space rescue. Students will participate in team rescue scenarios.

Student will need: List will be supplied to students upon enrollment

BASIC RIGGING FOR ROPE RESCUE♣

ROBR

16 HOURS PREREQUISITE: ELIS or IST  
CE # 006073 2 hours 2/0

This course is designed for personnel whose duties require training in basic rope rescue knowledge's and skills, but *not in rappelling*. Students are introduced to rope construction, rope characteristics, rope hardware and various knots and hitches. They will participate in patient packaging and stokes litter handling exercises, and will be trained in practical haul systems and their uses.

Students will need: List supplied to enrollees upon enrollment

ROPE/HIGH ANGLE RESCUE I♣

RORE

16 HOURS PREREQUISITE: ELFG  
CE # 006038 10 hours 1.5/8.5

This course provides an introduction to rope, basic rope construction, knots, safe rappelling techniques, and basic haul systems construction.

Student will need: List will be supplied to students upon enrollment

ROPE HIGH ANGLE RESCUE II♣

RORA

16 HOURS PREREQUISITE: RORE  
CE # 006083 7 hours 3.5/3.5

This course provides the student with an in depth and hands-on experience with rope and rappelling. Current equipment, skills and knowledge will be developed to effectively and safely perform vertical rescues. The course builds on the skills and knowledge developed in Rope High Angle Rescue.

Student will need: TOG and List supplied upon enrollment

STRUCTURAL COLLAPSE OPERATIONS LEVEL I ♣

SCOA

3.5 HOURS PREREQUISITE: ELIS  
CE # 006085 1 hour 0/1

This course will familiarize students with operations at the scene of a structural collapse. It prepares them to function effectively during the first stages of such an emergency, and, if necessary, effectively integrate with a specialized Urban Search and Rescue (USAR) team's activities. Situation assessment, locating and using available resources and personnel safety are stressed.

STRUCTURAL COLLAPSE OPERATIONS LEVEL II ♣

SCOF

16 HOURS PREREQUISITE: CSR or BCP or BCN; and SCOA  
CE # 006086 2.5 hours 2.5/0

This course gives rescue personnel the knowledge and skill to operate effectively at incidents involving the collapse of light frame and heavy wall structures. the course contains considerable hands-on instruction in situation assessment, emergency shoring and stabilization, breaching building materials and patient packaging and extrication.

Student will need: WC; head, hand, eye, ear, and foot protection

TRENCH RESCUE♣

TRRE

16 HOURS PREREQUISITE: ELIS  
CE # 006088 5.5 hours 2/3.5

This course will introduce the student to the knowledge's and skills necessary to safely and effectively perform complex rescue operations in collapsed trench excavations. Course work will include practical drills and demonstration in simulated trench excavations.

Student will need: List supplied to enrollees at time of enrollment

SILO EMERGENCIES ♣

FRSE

16 HOURS PREREQUISITE: ELIF or EBM and FAFI and FARR and REPR  
and RORE and CSR and ATRC  
CE # 006084 3 hours 2.5/0.5

This course is designed to instruct the student on how to deal with problems of fighting fires or effecting rescues in silos. Emphasis is placed on safety concerns and rescue techniques.

Student will need: TOG, SCBA

RAPID INTERVENTION TEAMS

RITC

4 HOURS PREREQUISITE: ELIS

This program will prepare fire department personnel for implementation of a stand-by rescue team at structure fires and certain other especially hazardous incidents. The course content relies heavily on the successful experiences of departments which have implemented and utilized the concept.

GENERAL FIRE SERVICE RESCUE ♣

FRES

30 HOURS PREREQUISITE: ELIF or EBM

CE # 006078                  6 hours                  6/0

This course provides an overview of the various types of rescue the fire service might be called upon to perform. Students practice techniques for rescue with SCBA, ladders, ropes, and other equipment. An introduction to vehicle rescue is included.

Student will need: TOG, SCBA

## **Fire Investigation**

### ARSON AWARENESS FOR EMERGENCY RESPONSE PERSONNEL ♣

AAEP

4 HOURS                  PREREQUISITE:                  ELIS

CE# 000580                  .5 hours                  0/.5

This course is appropriate for all emergency responders who might arrive first on the scene of a fire. It consists of material extracted from the longer NFA course *Arson Detection for the First Responder* and is designed to give essential basic information to responders whose duties do not require the longer NFA course, or whose time schedules will not permit attending the longer course at this time. It will prepare these responders to make observations and take actions that will help fire investigators determine cause and origin of fires and, where applicable, investigate and successfully prosecute cases of arson.

### ARSON DETECTION FOR THE FIRST RESPONDER (NFA) ♣

ADFR

16 HOURS                  PREREQUISITE:                  ELIS

CE # 000581                  2 hours                  0/2

This course covers topics which fire fighting personnel must be familiar with in order to facilitate cause and origin determination and possible subsequent investigation of intentionally set fires.

### FIRE ARSON INVESTIGATION

ARIN

16 HOURS                  PREREQUISITE:                  ADFR and 5 yrs as FD Chief, LO, Inv

This course will teach fire personnel to read fire patterns, cause, and origin, using actual burn sites. Identification will be practiced on different fire causes in buildings and in vehicles. Excellent for experienced fire officers and investigators.

Student will need: TOG

### FIRE AND ARSON INVESTIGATION - ELECTRICAL I OVERVIEW

AREO

16 HOURS                  PREREQUISITE:                  ADFR or ARIN

This course will expand and build upon the knowledge's gained in the prerequisite courses to create an in-depth understanding of electrical behavior and its role in the ability to cause fire.

### JUVENILE FIRESETTER INTERVENTION SPECIALIST I

JFSI

16 HOURS                  PREREQUISITE:                  NONE

This course is designed to teach the student how to identify the level of risk, who set fires and why, identify necessary intake procedures and documentation of intake and assessment, identify aspects of communication and identify characteristics of an effective interviewer, gather relevant information during interviews, and identify intervention strategies.

### JUVENILE FIRESETTER INTERVENTION SPECIALIST II

JFSII

20.5 HOURS                  PREREQUISITE: JFSI

This course is designed to teach the student how to identify the roles, duties and responsibilities of the Juvenile Firesetter Intervention Specialist and recognize the importance of addressing the juvenile firesetting problem in their communities. The student will also learn program evaluations, interagency networks interviewing and intervention strategies and administrative tools to be successful with a JFS program.

## Apparatus

### AERIAL APPARATUS PRACTICES

AELA

16 HOURS PREREQUISITE: ELIS

This course provides instruction in basic operating principles and procedures of aerial apparatus. The type of apparatus available, their advantages and disadvantages, and their operability will be discussed. Proper placement and safety issues will be stressed.

Students will need: TOG

### AERIAL APPARATUS PRACTICES EXTENDED

AELX

24 HOURS PREREQUISITE: ELIS

This course provides a more in depth exposure to the operating principles and procedures for aerial devices through hands-on exercises. The course also includes maintenance and testing requirements for aerial apparatus.

Students will need: TOG

### NEW AERIAL APPARATUS FAMILIARIZATION

NAEP

8 HOURS PREREQUISITE: AELA or AELX

This course will acquaint the student with design features, safety requirements, and operational procedures for specific aerial devices. Service and maintenance information as well as practical experience are provided. This course is generally provided where there is a need to expose experienced operators to the characteristics of an apparatus new to their department

### EMERGENCY VEHICLE DRIVER TRAINING PROGRAM♣

EVDT

16 HOURS PREREQUISITE: ELIS

CE # 000503 16 hours 0/16

This course, developed by Volunteer Firemen's Insurance Services, provides instruction in techniques of driving emergency vehicles under all conditions. Students will learn the importance of vehicle dynamics, driver selection, condition and preparation on safe vehicle operations. The course includes practice on a driving course laid out to simulate various driving conditions. Also included is a section on service and preventive maintenance.

### DYNAMICS OF EMERGENCY VEHICLE RESPONSE♣

EVRD

4 HOURS PREREQUISITE: EVOC/EVDT

CE # 000601 4 HOURS 0/4

This course is designed as a supplement to and refresher for the prerequisite course *Emergency Vehicle Operators Course*. It reviews some basic principles of safe vehicle operation and introduces the concept of space and speed management in operation of any vehicle.

### HIGHWAY INCIDENT SCENE SAFETY AND MANAGEMENT♣

HSTC

16 HOURS PREREQUISITE: ELIS

CE # 000611 8.5 hours 0/8.5

The primary target audiences for this course are fire officers, firefighters, Fire Police, rescue, EMS and law enforcement personnel who command, respond to or work at highway incidents. Students will learn how to adapt the same safety and traffic control principles used to establish work zones in the highway construction and maintenance industries. They will be shown ways of applying these principles, using limited equipment and staffing, to enhance safety at emergency incidents on streets and highways. Topics covered include scene assessment, risk management, regulatory issues of temporary traffic control, necessary equipment, flagging, and

personnel safety procedures. Practical exercises are included that let students apply what they have learned to “real world” incident scenarios.

PUMP OPERATIONS I

PUOP

16 HOURS PREREQUISITE: ELFG

This course provides the fire fighter with an introduction to basic pump construction and theory as well as operating techniques in this course. Emphasis is placed on getting water to the pump, getting water from the pump for hose streams, and prevention of common mistakes in pump operations. Student will need: TOG

PUMP OPERATIONS II

PUOA

16 HOURS PREREQUISITE: PUOP

This course is designed to instruct the student in advanced techniques of operating fire pumps. Topics covered include: friction loss, relay pumping, master and elevated master streams. Student will need: TOG

LARGE DIAMETER HOSE

LDHO

16 HOURS PREREQUISITE: ELIS

This course introduces the student to large diameter hoses and shows the methods for using L.D.H. Basic water movement requirements, loading techniques and appliances needed are discussed and demonstrated. Student will need: TOG

RURAL FIREGROUND WATER MOVEMENT

RFWM

16 HOURS PREREQUISITE: ELIS

This course will provide the student with instruction in the basic concepts of rural water movement in support of fire ground operations. Topics covered include: drafting, use of portable pumps, tanker fill operations, relay pumping and water flow calculation. Student will need: TOG

TANKER WATER SUPPLY

TAWS

16 HOURS PREREQUISITE: ELIS

This course will provide instruction in fire department operations with tankers as the main supply of water. Topics include: water supply sources, tanker construction, tanker shuttle system, and safe, efficient operations. Student will need: TOG

## **Fire Police**

FIRE POLICE

FIPO

16 HOURS PREREQUISITE: ELIS

This course provides an introduction to fire police procedures for fire police on duty. Topics include: traffic and crowd control, the Special Fire Police Act of Pennsylvania, vehicle code, crime code, professionalism and handcuffing

ADVANCED FIRE POLICE

FIPA

16 HOURS                      PREREQUISITE:        FIPO  
This course reviews topics from Fire Police (FIPO) and deals with leadership, training officer responsibilities, report writing, court testimony and public relations

COMMUNICATIONS AND PUBLIC RELATIONS FOR FIRE POLICE                      CPFP

16 HOURS                      PREREQUISITE:        FIPO  
This course provides instruction on how to deal with spoken and body language, and implied communications techniques. Topics covered include: psychology of communications and feedback, dispatching and equipment, news media, and personal conduct in fund raising.

EMERGENCY RESPONSE FOR FIRE POLICE                      ERFP

16 HOURS                      PREREQUISITE:        FIPO  
This course will provide the student with the knowledge to respond with a fire department to emergencies. The course will build on the knowledge in Basic Fire Police. Topics include: traffic control at emergencies, maintaining equipment, access routes, crowd control, and security of the emergency site.

LEGAL CONCEPTS FOR FIRE POLICE                      LCFP

16 HOURS                      PREREQUISITE:        FIPO  
This course consists of an in-depth study of the laws involving fire police and their municipal authority and fire department. Subjects include: laws, misconceptions, liability, indirect liability, lawsuits, training, arrests, citations, insurance, courtroom procedures, vehicle codes and regulations, and the crimes code.

FIRE POLICE IN NON-EMERGENCY OPERATIONS                      NEFP

16 HOURS                      PREREQUISITE:        FIPO  
The course will provide the student with information to help them perform police services in the community in non-emergency activities. Topics to be discussed include: professionalism, proper attire, grooming, traffic control at funerals, and policing at other community events.

## **Industrial**

EMPLOYEE SAFETY AND EXTINGUISHER TRAINING                      ISSET

3 HOURS                      PREREQUISITE:        NONE  
This course provides the employee with information concerning safety in the workplace. It also provides the student with hands-on training in the use of portable fire extinguishers. Students will need: appropriate long-sleeve clothing, gloves, eye protection

INDUSTRIAL FIRE BRIGADE TRAINING, BASIC                      IFBB

8 HOURS                      PREREQUISITE:        NONE  
The audience for this course are those persons who have been assigned fire safety duties by their employer up to and including those specified for Incipient Fire Brigades by OSHA's Fire Brigade Regulations. Emphasis is placed on procedures that can be safely followed using extinguishers and other first aid fire fighting equipment.  
Student will need: WC

## **Management/Instructor Development**

AUTOMATIC DETECTION AND SUPPRESSION SYSTEMS                      AUTO

8 HOURS                      PREREQUISITE:        ELIS

This course will provide the student with information on the use and importance of automatic detection systems used in conjunction with automatic suppression systems. Suppression systems discussed include: dry chemical, halon, carbon dioxide, and foam

EDUCATIONAL METHODOLOGY FOR FIRE SERVICE INSTRUCTORS EMLL  
40 HOURS PREREQUISITE: 5 yrs service

This course will provide instruction in adult learning, teaching techniques, preparation of instruction objectives and formation of lesson plans to meet those objectives. Various formats of audio-visuals will be demonstrated. Each student will prepare and deliver at least one micro teaching session on a fire related topic. The course includes the opportunity to successfully certify as a Fire Service Instructor 1 under NFPA # 1041. This course will also fulfill the educational methodology requirement for those seeking to eventually become a State Fire Academy local Level Instructor.

COMMUNITY AND WORKER RIGHT-TO-KNOW♣ RTKN  
4 HOURS PREREQUISITE: NONE  
CE # 002087 1.5 hours 0/1.5

This course provides an overview of the Pennsylvania Community and Worker Right-to-Know Act as it applies to public sector employees. It emphasizes the use and importance of labeling, and understanding the Material Safety Data Sheet (MSDS). The course identifies the role, responsibilities, and functions of the employee.

ELECTRICAL EMERGENCIES♣ ELFS  
3 HOURS PREREQUISITE: NONE  
CE # 006076 1.5 hours 0/1.5

This course provides instruction on how to deal with emergencies involving "live" electrical wires and/or equipment. A review of fire fighting practices around energized equipment, as well as do's and don'ts in dealing with electricity

FIREFIGHTER LINE OF DUTY DEATH AND INJURY WHY? LODD  
8 HOURS PREREQUISITES: NONE

The goal of this program is to reduce firefighter line of duty deaths. This course is designed to be presented to fire service supervisory, managerial and policy making/influencing personnel. Topics discussed are; impacts of Line of Duty Death (LODD), analyzing LODD's for relative factors, define contributing factors as well as fitness and wellness. Sources of information and resources are also identified.

HEALTH AND SAFETY OFFICER (NFA)♣ HSO  
16 HOURS PREREQUISITE: INFO or 5 YEARS AS A LINE OFFICER  
CE # 000590 3 hours 0/3

The target audience of this course is any individual who has an active involvement in planning, organizing, implementing, or monitoring a department-level occupational health and safety program within their fire service organization. Such topics as risk analysis, wellness, program management, and other occupational safety issues are covered in depth.

HIGH - RISE FIRE FIGHTING♣ HIRI  
16 HOURS PREREQUISITE: ELIF or EBM and ECOP and TRCO  
CE # 000591 1 hour 0/1

This course, designed for experienced fire personnel, will provide instruction in fighting fires in high rise buildings. The special problems encountered by the fire fighter in this type of fire are also discussed. Safe operations and the use of a tactical checklist are stressed.

INCIDENT SAFETY OFFICER (NFA)♣

ISO

16 HOURS                      PREREQUISITE: NICS -FS or NICS-EMS or ICS and IAFF or HISI or HMOR or HM Ops Cert

CE # 000592                      5.5 hours                      0/5.5

This course focuses on the duties of the person who finds him/her self in the role of the responding safety officer at the scene of an incident. It is an incident-specific, scene-oriented course designed to teach what a safety officer on the scene needs to know and be able to do, using scenarios to convey instructional points. Students should be experienced company officers, familiar with safety issues, the ICS, Haz-mat management, and applicable NFPA standards and federal regulations.

INSTRUCTIONAL TECHNIQUES FOR COMPANY OFFICERS (NFA)

ITCO

16 HOURS                      PREREQUISITE:                      ELIS

This course provides basic instruction in teaching techniques including the preparation of instructional objectives and lesson plan format. It will prepare the student to instruct from a prepared lesson plan per NFPA # 1041 Instructor I.

INTRODUCTION TO FIRE OFFICERSHIP♣

INFO

16 HOURS                      PREREQUISITE: ELIF

CE # 000593                      2 hours                      0/2

This course, designed for new line officers or as a refresher for experienced ones, will give the student a basic overview of fire ground officer responsibilities, personnel issues, fire ground operations, and the development of a sound and effective administrative and fire ground organizational structure.

INTRODUCTION TO VOLUNTEER EMERGENCY SERVICE MANAGEMENT (NFA)♣

IVESM

16 HOURS                      PREREQUISITE:                      ELIS

CE # 000594                      2 hours                      0/2

In most volunteer emergency service organizations, anyone can find themselves in a management or leadership position as a line officer, administrative officer, or committee chairperson at any time. This course is a 'no-nonsense', down-to-earth approach to the basics of management, leadership, communications, and motivation of volunteer emergency service organizations of all types, including fire, EMS, EMA, fire police, search & rescue, and others.

LEADERSHIP I: STRATEGIES FOR COMPANY SUCCESS (NFA)

LSI

16 HOURS                      PREREQUISITE:                      ELIS

Running an effective fire service organization, whether career, combination, or volunteer, requires leaders. Many line and administrative officers are very competent in technical areas, but need training and skill practice in key managerial strategies to reach their full potential in leading their organizations. This course is targeted at any line or administrative officer who must make decisions, solve problems, or conduct meetings as part of his/her duties.

LEADERSHIP II: STRATEGIES FOR PERSONAL SUCCESS (NFA)

LSII

16 HOURS                      PREREQUISITE:                      ELIS

Running an effective fire service organization, whether career, combination, or volunteer, requires leaders. Many line and administrative officers are very competent in technical areas, but need training and skill practice in key managerial strategies to reach their full potential in leading their organizations. This course is targeted at company level junior line officers (lieutenant, captain, etc.) who wish to improve basic leadership skills in such areas as managing multiple roles, creativity, establishment of a "personal power base" and ethics. It may also be applicable to those administrative officers of volunteer organizations (president, secretary/treasurer, etc.) who find that their responsibilities require similar skills.

LEADERSHIP III: STRATEGIES FOR SUPERVISORY SUCCESS (NFA)

LSIII



strategy. Information on handling the media requirements of emergency incidents is also included.

RESOURCE ACCOUNTABILITY OFFICER RAO

5 HOURS                      PREREQUISITE: NONE

This course is designed to meet the needs of all personnel at an emergency incident. This program provides the history of accountability and addresses the need for resource accountability at all emergency incidents. The skills needed to perform the task effectively are addressed as well as the equipment necessary

RESOURCE ACCOUNTABILITY RESPONDER RAR

3 HOURS                      PREREQUISITE: NONE

This course is designed to meet the needs of all personnel at an emergency incident. This program provides the history of accountability and addresses the need for resource accountability at all emergency incidents. The skills needed to perform the task effectively are addressed as well as the equipment necessary.

STORE, MALL, MERCANTILE FIRE FIGHTING MIFI

16 HOURS                      PREREQUISITE: ELIF and TRCO and NICS-FS

This course provides instruction in the building construction of stores, malls, and mercantile buildings. Fire fighting operations in stores and malls, and support operations for fire protection systems are also presented. Tours to mercantile structures are generally included.

STREET SURVIVAL FOR EMERGENCY MEDICAL PERSONNEL ♣ SSEP

16 HOURS                      PREREQUISITE: NONE

CE # 000752                  16 hours                  0/16

This course will provide the student with practical and realistic tactics to assure personal safety when called to an incident scene. Techniques include: approach, assessing danger in patients and the environment, using self-defense, cover and concealment. This course is oriented to EMT's, paramedics, EMS First Responders, and their operating environment. Student will need: TOG

VOLUNTARY CERTIFICATION EVALUATOR DEVELOPMENT SEMINAR FFCE

6 HOURS                      PREREQUISITE: Certified to the level to be evaluating

This course will provide certified fire fighters with the opportunity to learn and practice correct techniques for evaluating candidates in Pennsylvania's Voluntary Fire Fighter Certification Program. Emphasis on attitudes, professionalism and quality testing are stressed.

VOLUNTEER RETENTION AND RECRUITMENT -PROBLEMS AND SOLUTION VFSR

4 HOURS                      PREREQUISITE: ELIS

CE # 000596                  2 hours                  0/2

In this course, students will examine the results of a 1993 conference on these issues sponsored by the National Fire Academy that involved representatives of numerous volunteer groups. They will study these results and their implications for the future, share their own experiences, and begin the process of applying the course content to their own organization's situation.

## Wildland

INTRODUCTION TO WILDLAND URBAN INTERFACE FIREFIGHTING FOR  
OSTRUCTURAL COMPANY OFFICERS (NFA) IWFSCO

16 HOURS                      PREREQUISITE: ELFG AND INFO

This course developed by the National Fire Academy (NFA) and the National Wildfire Coordinating Group (NWCG) will provide a basic understanding of the Wildland and Wildland/Urban Interface firefighting issues that Structural Company Officers will need to deal with when assigned to a Wildfire incident. The Structural Company Officer (SCO) will be arriving at an incident that may be very different from the incidents he/she usually responds to in their everyday operations. Specific actions and decision making guidance for the Structural Company Officer to safeguard their personnel and equipment will be taught in this course.

**FOR LOCAL LEVEL COURSE APPLICATIONS, QUESTIONS, OR FURTHER  
INFORMATION, CONTACT:**

**PENNSYLVANIA STATE FIRE ACADEMY  
1150 RIVERSIDE DRIVE  
LEWISTOWN, PENNSYLVANIA 17044-1979**

**FOR LOCAL LEVEL COURSE APPLICATIONS, QUESTIONS, OR FURTHER  
INFORMATION, CONTACT:**

**PENNSYLVANIA STATE FIRE ACADEMY  
1150 RIVERSIDE DRIVE  
LEWISTOWN, PENNSYLVANIA 17044-1979  
IN PA: 1 800 459 4096  
(717) 248 1115  
FAX: (717) 248 3580**

**Staff with Local Level Program Responsibilities:**

<b>NAME</b>	<b>E-mail</b>
<b>George Stapleton SFA Administrator</b>	<b>gstapleton@pa.gov</b>
<b>Bruce Trego Assistant Administrator</b>	<b>brtrego@pa.gov</b>
<b>Shirley Johns Clerical/Data</b>	<b>shjohns@pa.gov</b>
<b>Douglas Snyder Field Education Specialist- Eastern Region</b>	<b>douglassnyder@pa.gov</b>
<b>Mark Wineland Field Education Specialist- Western Region      Indiana - (800) 972 7362</b>	<b>mwineland@pa.gov</b>

<i>To be completed by organization requesting the course</i>		
<b>COURSE TITLE:</b>	<b>CODE:</b>	<b>HOURS:</b>
<b>STARTING DATE:</b>	<b>ENDING DATE:</b>	
<b>STARTING TIME:</b>	<b>ENDING TIME:</b>	
Indicate any other dates/times this course will meet:		
<b>Local contact person name &amp; address</b>	<b>Telephone; Day- Telephone; Night- E-mail- Fax-</b>	
<b>Course location: (include Street, City, State, Zip)</b>	<b>COUNTY</b>	<b>DOH Con-Ed Registration Requested (check one)</b>  Yes _____ No _____
<b>Name and Address of Proposed Instructor:</b>		<b>Instructor Contacted: YES:_____ NO:_____</b>
<b>Signature of Requesting/Employing Agency Representative (Chief, Training Officer, President, etc.)</b> <small>Signature also attests that Fire Department's insurance carrier provides accident insurance and workmen's compensation coverage for the participants.</small>		
<b>DATE:</b>		
<b>PART 2: FOR OFFICIAL USE ONLY:</b> This block may be used by the Educational Training Agency (or State Fire Academy) to list information specific to the ETA's record keeping needs, such as assistant instructors, ETA course number, etc.		
<b>PART 3: TO BE COMPLETED BY THE STATE FIRE ACADEMY:</b> This attests that the above named instructor is accredited to teach the above named course and that the course is an accredited Pennsylvania State Fire Academy (PSFA) course. Delivery of training, quality control, and supervision of the instructor during the conduct of this course are the responsibility of the educational training/employing agency. The SFA may exercise quality control oversight of both curriculum and instructor for program management purposes.		
<b>Date form received:</b>	<b><u>Instructor Accredited: Yes No</u></b> <b><u>Course Accredited Yes No</u></b>	<b><u>Comments:</u></b>
<b>Field Education Specialist Signature:</b>		<b>Date:</b>

**EDUCATIONAL TRAINING AGENCIES of the STATE FIRE ACADEMY LOCAL  
LEVEL SYSTEM**

**ALLEGHENY COUNTY FIRE ACADEMY** – 700 West Ridge Road, North Park, Allison Park, PA 15101  
(412-931-3158) <http://www.county.allegheny.pa.us/emerserv/fireacad/> – Allegheny county

**BERKS COUNTY FIRE TRAINING CENTER** – 895 Morgantown Rd. Reading, PA 19607 (610-378-5509) <http://www.co.berks.pa.us/fire/site/default.asp> – Berks county

**BUCKS COUNTY COMMUNITY COLLEGE** – Emergency Services Training Center, 1760 South Easton Road, Doylestown, PA 18901 (215-340-8400) <http://www.bucks.edu/publicsafety/> – All 67 counties

**\*\*BUTLER COUNTY COMMUNITY COLLEGE** – P.O. Box 1203, Butler, PA 16003 – (724-287-8711, ext. 354) <http://bc3.cc.pa.us/training/ps.htm> – Armstrong, Butler, Clarion, Clearfield, Crawford, Elk, Erie, Fayette, Forest, Greene, Indiana, Jefferson, Lawrence, McKean, Mercer, Venango, Warren and Washington counties

**CHESTER COUNTY EMERGENCY SERVICES** – P.O. Box 2747, West Chester, PA 19380-0990 (610-344-5000) <http://www.chesco.org/emergsrv.html> - Chester county.

**\*\*COMMUNITY COLLEGE OF ALLEGHENY COUNTY** – Public Safety Institute, 808 Ridge Avenue V103, Pittsburgh, PA 15212 – (412-237-2500) <http://www.ccac.edu/default.aspx?id=145766> – Allegheny, Lawrence and Washington counties

**COMMUNITY COLLEGE OF BEAVER COUNTY** – One Campus Drive, Monaca, PA 15061-2588 (724-728-7599) <http://www.ccbc.edu/home.jsp> – Beaver county. Upon request: Lawrence and Washington counties

**DELAWARE COUNTY COMMUNITY COLLEGE** – 901 South Media Line Road, Media, Pa 19063-1094 (610-359-5000) [ekarr@dccc.edu](mailto:ekarr@dccc.edu) - Delaware county

**DELAWARE COUNTY EMERGENCY SERVICES TRAINING CENTER** – 1600 Calcon Hook Road, Sharon Hill, PA 19079 – (610-237-8630) <http://www.delcoestc.org/> – Delaware county

**HARRISBURG AREA COMMUNITY COLLEGE** – Shumaker Public Safety Center, 1 HACC Drive, Harrisburg, PA 17110-2999 – (717-780-2607) <http://www.hacc.edu/programs/psc/psc.htm> – All 67 counties

**LEHIGH-CARBON COUNTY COMMUNITY COLLEGE** – 4525 Educational Park Drive, Schnecksville, PA 18078 (610-799-1581) <http://www.lccc.edu/default.aspx?pageid=575> – All 67 counties

**LUZERNE COUNTY COMMUNITY COLLEGE**- 1333 South Prospect St. Nanticoke, PA 18634 (1 800 377 5222) <http://www.luzerne.edu/publicsafety/> - All 67 Counties

**MERCYHURST COLLEGE PUBLIC SAFETY INSTITUTE**- 501 East 38<sup>th</sup> St., Erie, Pa 16546 (814) 824-2182 [jvilla@mercyhurst.edu](mailto:jvilla@mercyhurst.edu) – Erie County

**MONTGOMERY COUNTY COMMUNITY COLLEGE** – P.O. Box 400, Blue Bell, PA 19422 (610-619-7426) <http://www.mc3.edu/aa/conted/conted.htm> - Lancaster and Montgomery counties

**MONTGOMERY COUNTY FIRE ACADEMY** – 1175 Conshohocken Road, Conshohocken, PA 19428 (610-278-3500) [http://www.montcopa.org/eoc/Fire\\_Academy/MCFAHome.htm](http://www.montcopa.org/eoc/Fire_Academy/MCFAHome.htm) – Montgomery county

**NORTHAMPTON AREA COMMUNITY COLLEGE** – 3835 Green Pond Road, Bethlehem, PA 18017(610-861-5467) <http://www.northampton.edu/Academics/Departments/est/default.htm> – All 67 counties

**PENNSYLVANIA HIGHLANDS COMMUNITY COLLEGE** – 101 Community College Way, Johnstown, Pa 15904 (814-262-6400) [dvolpe@pennhighlands.edu](mailto:dvolpe@pennhighlands.edu)

**READING AREA COMMUNITY COLLEGE** – P.O. Box 1706, Reading, PA 19603 (610-607-6220) - [http://www.racc.edu/ConEd/Occupational\\_Programs.aspx](http://www.racc.edu/ConEd/Occupational_Programs.aspx) All 67 counties

**WESTMORELAND COUNTY COMMUNITY COLLEGE** – Public Safety Training Center , 65 Public Safety Drive Smithton, PA 15479 (724) 872-2447 <http://www.wccc-pa.edu/ncred/pstrainctr.htm> – Fayette, Greene, Indiana, Washington and Westmoreland counties

\*\*Will consider requests for counties other than those listed on a case-by-case basis. Call the number listed for further details.

<p align="center"><b>COURSES CONDUCTED INDEPENDENTLY OF AN EDUCATIONAL TRAINING AGENCY/FIRE SCHOOL OR SPONSORED BY A LOCAL JURISDICTION MUST SUBMIT APPLICATIONS TO: PA STATE FIRE ACADEMY, 1150 RIVERSIDE DRIVE, LEWISTOWN, PA 17044-1979 1-800-459-4096 – 717-248-1115 – FAX 717-248-3580</b></p>
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