



**Homeland Security  
and Emergency Services**

**Fire Prevention  
and Control**



**2017**

# Firefighter Training and Education Report

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# **Division of Homeland Security and Emergency Services**

## **Office of Fire Prevention and Control**

### **2017 Firefighter Training and Education Report**

#### **Executive Summary**

Each year the Office of Fire Prevention and Control provides training and education to thousands of first responders and citizens in an effort to provide them the confidence to act appropriately when they find themselves threatened by fire.

More than 3,182 courses were delivered in 2017 across the State having provided training to 46,119 students. These courses were delivered in a wide variety of settings including but not limited to classrooms, outside training grounds, at county facilities, the State Preparedness Training Center (SPTC) and at the State's Academy of Fire Science. OFPC's ability to deliver this training comes from a variety of instructor models including State and County Fire Instructors, Municipal Training Officers and Municipal Fire Instructors, and full-time OFPC staff, all with the appropriate subject matter expertise to build a stronger fire service.

Over the years the need for training has increased exponentially as science and technology has become more sophisticated. These advancements have benefited OFPC's fire prevention efforts, but at the same time have resulted in hotter burning and faster growing fires for responders to deal with. To meet this increased training need OFPC maintains close contact and open dialogue with county officials to assure the most needed training is made available.

Each county has unique challenges but nearly all counties struggle with recruitment and retention of volunteer firefighters. To make the initial training of volunteer firefighters more palatable OFPC works hard to adjust curriculum, schedules and delivery methods allowing for a more inviting entry level educational experience for the new volunteer. As an example, entry level firefighter training is under constant evaluation. The revision undertaken in 2016, with the cooperation of all the major fire service associations, determined that the best solution was to separate the previous Firefighter I course into two separate courses. The first course would be Basic Exterior Firefighter Training, including Hazardous Materials First Responder Operations Level which meets or exceeds the minimum requirements contained in the Firefighter Training Best Practices for Exterior Firefighter. The second course is Self-Contained Breathing Apparatus-Interior Firefighting Operations Course which meets or exceeds the minimum requirements contained in the Firefighter Training Best Practices for Interior Firefighter. A similar practice was followed for the development of the Fire Officer I course. This collaboration helps the student as well as the individual fire department recruit and maintain membership by segmenting the course into more manageable lessons respecting the time commitment of the volunteer.

In addition to the traditional training provided, OFPC remains responsive to new or evolving risks, such as the tremendous increase in the transportation of crude oil by rail and water across the State. OFPC has updated existing hazardous materials training to reflect this expanded threat and has developed new training where necessary. OFPC has developed training to support the establishment of the New York State Foam Task Force, which positioned nineteen foam trailers along the crude oil transportation corridors with local or county agencies which have agreed to participate in and respond as part of that Task Force. This training is also available to agencies outside the Task Force itself.

OFPC remains committed to the delivery of timely, effective and quality training to support New York State's fire service. We hope this report demonstrates our on-going commitment to training and you find it helpful in answering any questions you may have.

# I – Introduction

This report of training and education activities conducted by the Office of Fire Prevention and Control (OFPC) in 2017 is presented to the Governor and Legislature pursuant to section 156 of the Executive Law. Also contained in this document is the report of hazardous materials emergency response training provided pursuant to section 156-a of the Executive Law and a summary of out-of-state training attended by firefighters as reported to the Office of Fire Prevention and Control, pursuant to section 72-g of the General Municipal Law.

The Division of Homeland Security and Emergency Services (DHSES) is dedicated to providing the citizens of NYS the highest level of safety and security through a wide variety of services including the training of emergency responders. The Office of Fire Prevention and Control (OFPC) within DHSES is charged with, and delivers, training and education programs to firefighters, emergency responders, state and local government agencies, colleges, and the citizens of New York. These efforts represent a significant contribution to the State's ability to prevent, protect against, prepare for, respond to, and recover from terrorism and other man-made and natural disasters, and fires. Annually, OFPC provides standardized training to nearly 50,000 emergency services professionals.

The scope and complexity of training has grown commensurate with the increased responsibilities of New York State's fire service. Currently, OFPC's training programs consist of approximately 222 different courses with over 3,182 course deliveries. The primary audience of the training and education programs is concentrated on career and volunteer fire departments throughout the state, serving approximately 100,000 firefighters in 1,753 fire departments.

These training programs support fire departments ensuring safe and effective emergency responses aimed at protecting the people, property and environment in the State of New York. For many fire departments, particularly volunteer fire departments, OFPC's firefighter training courses are the only formal training available. Demand for firefighter training continues to increase annually and OFPC continually revises and updates programs to address this need.

In an ongoing effort to assure that effective training is provided, OFPC also maintains active membership and leadership roles in the following national organizations related to fire service training; the Fire and Emergency Service Higher Education Consortium (FESHE), the Training Resources and Data Exchange Organization (TRADE), the North American Fire Training Directors Association (NAFTD), and the International Accreditation for Fire Service Organization (Pro Board).

OFPC uses a variety of delivery methods to accomplish its training mission. Each of these methods, outlined in this report, is designed to best serve the needs of career and volunteer fire departments, large and small, and represent a partnership of state, county and local governments. An illustration of fire training courses by delivery method is attached as Appendix A.

The title of each training course conducted in 2017, the number of times the courses were conducted and the number of firefighters and related personnel who completed the courses are listed in Appendix B.

The number of training courses conducted in each county in 2017 and the number of firefighters and related personnel who completed the courses are listed in Appendix C.

## II - Outreach Training

OFPC's Outreach Training Program is the primary means of providing basic firefighting skills training for volunteer firefighters. There are 58 courses that are delivered at local fire training sites, at the convenience of the local fire department to permit maximum participation by volunteer firefighters. These courses are taught predominantly by OFPC's state fire instructors, who are part-time fee-paid employees with subject matter expertise to conduct firefighter training. OFPC employs approximately 546 state fire instructors throughout the State, delivering training at local fire departments, State and county training centers (all but Nassau County, Suffolk County and the five counties in the City of New York)<sup>1</sup>.

OFPC, with support from an Assistance to Firefighters Grant, introduced a new training course, Tactical Fire-ground Simulations, which was incorporated as an outreach training course in 2017. This 12-hour course provides those fire department members who are officers or serve as acting officers with valuable simulations based experience to effectively and safely lead firefighters during structural firefighting incidents. This training couples fire instructors who have extensive fire officer experience with students and utilizes computer based simulations of varying complexity to facilitate discussion, critical decision making and experience that cannot be gained easily outside an actual incident. This course is available state-wide and is being utilized in both career and volunteer fire departments throughout the state, including the Fire Department of New York First Line Supervisors Training program.

Another course that has resulted in great success is the Traffic Incident Management 8 hour course. Developed through the efforts of the New York State Traffic Incident Management working group, which includes New York State Department of Transportation, New York State Police and New York State Office of Fire Prevention and Control among others, this course has become extremely important. The Traffic Incident Management Course provides students with critical knowledge related to managing incidents that occur on the State's highways. This program is part of the National effort to reduce line of duty injuries and deaths of first responders related to operating at the scene of motor vehicle crashes. The collaboration of multiple state agencies has developed a common, standard training course for all entities that respond to incidents on New York States highways.

An illustration of the types of outreach training courses is attached as Appendix D.

At the beginning of each state fiscal year, OFPC estimates the number of fire training courses that can be conducted statewide based on its budget appropriation, and assigns an allocation to each county. These allocations are based on previous training history, anticipated need, and available State funds. The number of instructors per course varies based on the course content, safety requirements and the number of practical skills sessions required by the course curriculum. County fire coordinators schedule fire training courses in their counties after consultation with local fire chiefs to determine needs, suitable dates, and locations. Course requests, based on projected need are then submitted to OFPC. OFPC maintains an open dialogue with counties to assure that the needed training is provided.

Training allocations for state fiscal year 2017-18 training course allocations are listed for each county, in Appendix E.

Student completions, by course for outreach training, are attached in Appendix F.

<sup>1</sup> Nassau County and Suffolk County have their own fire training programs operated by vocational education and extension boards established by these counties pursuant to Article 23 of the Education Law. State fire training courses in these counties are delivered by instructors employed by the vocational education and extension boards and are conducted and scheduled in the same manner as programs conducted by career fire departments. The Fire Department of New York (FDNY) administers its own fire training programs tailored to meet the specialized needs that exist in the City of New York. OFPC communicates with FDNY on firefighter training issues and provides curriculum support and, upon request, conducts training courses for FDNY.

## **III - Municipal Training**

### **A. Municipal Firefighter Training**

Career firefighters must meet minimum basic and annual in-service training standards, pursuant to section 58-a of the Civil Service Law, section 209-w of the General Municipal Law and 19 NYCRR Parts 426 and 427. The standards require that training curricula address operational and safety procedures specific to a career fire department, and therefore, career fire departments generally conduct their own training utilizing department staff. In-house training permits the customizing of curricula and allows training to be conducted on all shifts. Career fire departments, those with 5 or more firefighters, designate a municipal training officer (MTO) to oversee and conduct the fire department's training program. Additionally, one or more municipal fire instructors (MFIs) may be designated to assist the MTO.

OFPC certifies career fire department basic and annual in-service fire training programs, certifies the MTOs and MFIs, pursuant to 19 NYCRR Parts 426, 427 and 438, and authorizes MTOs and MFIs to deliver state fire training courses. OFPC provides career fire departments with fire training course curriculum materials, including course lesson plans and student materials.

In addition, OFPC conducts the Candidate Physical Ability Tests (CPAT) for entry level career firefighters. This test is a required component of the basic fire training program pursuant to Title 19 NYCRR Part 426. In 2017 OFPC conducted a total of 8 CPATs across the State allowing 216 candidates to participate.

The title of each municipal training course conducted in 2017, the number of times the courses were conducted and the number of firefighters and related personnel who completed the courses are listed in Appendix G.

### **B. First Line Supervisors Training**

Career firefighters promoted to first line supervisory positions are required to attend a four-week training program for fire department supervisors at the New York City Fire Academy, pursuant to section 209-x of the General Municipal Law. This program provides uniform training for newly promoted fire officers in career departments throughout New York State. OFPC approves the curriculum for this training program and reimburses the New York City Fire Department for the costs of conducting the program, including the provision of lodging and meals and reimbursement of travel costs, up to the amount provided for in OFPC's budget appropriation. In 2017, 300 career fire officers received training through the First Line Supervisors Training Program.

## **IV - Supplemental Training**

Twenty-five counties have opted to supplement the number of training courses conducted by OFPC using local and county resources. These courses are conducted primarily for volunteer fire departments by county fire instructors designated by the county fire coordinator. County fire instructors are authorized by OFPC to deliver state fire training courses. Each county or fire department is responsible for the costs associated with conducting these courses. Supplemental courses are scheduled in the same manner as outreach training courses.

The title of each supplemental training course conducted in 2017, the number of times the courses were conducted and the number of firefighters and related personnel who completed the courses are listed in Appendix H.

## **V - Residential Training**

OFPC operates the Frederick L. Warder Academy of Fire Science located in Montour Falls, NY. This State-owned fire academy provides basic, intermediate and higher level training programs in a residential setting. The Fire Academy provides an opportunity for fire and emergency services personnel to expand their knowledge, skills and abilities through instruction and interaction with other emergency services professionals. In 2017, approximately 4,811 emergency service providers from New York State, other states, and Canada received training in more than 152 classes at the Fire Academy.

The Recruit Firefighter Training program (RFFT) is one of the cornerstone programs at the Academy. Conducted twice each year, this intense 11-week program provides an effective and efficient method for career firefighters to meet the mandated basic training requirements of the Minimum Standard for Firefighter Training in New York State. When space permits, volunteer firefighters are allowed entry into the program. In 2017, 80 career firefighters from around the State received their initial training at the New York State Academy of Fire Science.

An 8-week Canine Accelerant Detection training program is offered semi-annually, training accelerant detection dogs and handlers, and a 20-hour annual recertification program for these canine teams is offered every year. In 2017 a total of 18 handlers graduated from these highly specialized programs.

An example of some of the other annual conferences held each year at the Academy include; State Fire Instructors Conferences; Public Fire Safety Educator's Conference; Introduction to Juvenile Fire-Setters, Fire Investigation and Arson Seminar; Hazardous Materials Seminar; Emergency Medical Services Conference; Fire Marshals and Inspectors Conference; County Weekend Conferences and a Technical Rescue Conference. These presentations provide opportunities for advanced and in-service training for specialized emergency services professionals.

The title of each training course conducted at the Academy of Fire Science, the number of times the courses were conducted and the number of firefighters and related personnel who completed the courses in 2017 are listed in Appendix I.

## **VI - Direct Delivery Training**

Direct delivery fire training programs are specialized knowledge and skill courses delivered exclusively by OFPC fire protection specialists who have advanced training and skill levels in numerous subject areas including, but not limited to: hazardous materials; weapons of mass destruction; fire/arson investigation and public fire safety awareness. Direct delivery training courses are conducted at local training sites at the convenience of the fire departments, typically nights and weekends, to permit maximum participation by volunteer firefighters. For career departments, courses are conducted on the department's shift schedule to permit all of the departments' firefighters to participate. Additionally, 1,955 employees of the Office of Persons with Developmental Disabilities were trained in Basic Fire Safety directly from Office of Fire Prevention and Control staff.

The title of each direct delivery training course conducted in 2017, the number of times the courses were conducted and the number of firefighters and related personnel who completed the courses are listed in Appendix J.

## **A. Fire and Arson Investigation Training**

Fire and arson investigation direct delivery training is conducted for personnel from the fire service as well as law enforcement and prosecutorial organizations. Training programs range from an awareness level course Fire Investigation for the Line Officer, designed for all emergency responders; to specialized technical programs designed to enhance the knowledge and skills of personnel with the responsibility of conducting fire and arson investigations. Fundamentals of the fire investigation process are delivered in two core programs; Introduction to Fire Investigation and Fire Investigation, designed to exceed the professional qualification standards established by the National Fire Protection Association (NFPA) for this discipline. Specialized fire and arson programs cover topics such as photography, interviewing, and specific instruction on vehicle and electrical fires. Upon completion of the core programs students apply their education in supervised practical activities to become certified in accordance with both national standards and the Minimum Standards of Firefighting Personnel in the State of New York.

Fire and arson training course are conducted by OFPC Fire Protection Specialists certified as fire investigators, with practical experience in the discipline. Those instructors also maintain instructor and law enforcement certifications.

The title of each fire and arson investigation course conducted in 2017, the number of times the courses were conducted and the number of firefighters and related personnel who completed the courses listed in Appendix J.

## **B. Hazardous Materials Emergency Response Training**

OFPC has a long history of providing hazardous materials response training to firefighters and other emergency responders. OFPC's hazardous materials training program includes over fifty different courses from basic skills to advanced mitigation techniques. These courses are conducted for firefighters; police officers; emergency medical responders; industrial; and military personnel, and are routinely updated to address new or expanding hazards.

The training offered by OFPC meets or exceeds federal occupational safety and health regulations pertaining to hazardous materials response, the professional qualification standards established by the National Fire Protection Association (NFPA) and the Minimum Standards for Firefighting Personnel in the State of New York.

Basic awareness and operational level hazardous materials training courses are conducted within the Outreach and Municipal Training Programs. Much of OFPC's hazardous materials emergency response training courses are conducted by full time Fire Protection Specialists certified as hazardous materials technicians.

OFPC's core hazardous materials training programs include: Hazardous Materials First Responder Operations, which prepares firefighters to recognize the presence of hazardous materials and employ defensive tactics to protect themselves and the public; Hazardous Materials Technician training provides firefighters with advanced skills necessary to utilize chemical protective clothing and employ offensive tactics to mitigate a hazardous materials incident; and Hazardous Materials Incident Command program which provides training necessary for those personnel responsible for serving in the command role at a hazardous materials incident .

Additional training courses address specific topics or hazards, such as decontamination, chemical suicides, ignitable liquid fires (including crude oil), and preparedness and response to incidents involving terrorist use of weapons of mass destruction (WMD).

As noted previously, as part of OFPC's ongoing initiative to continue to support local capabilities to respond to incidents involving transportation of crude oil or ethanol by rail, during 2017 OFPC has been developing a High-Hazard Flammable Train (HHFT) course and an associated training prop at the Academy of Fire Science. This 16-hour course will be available in early 2018.

Need and demand for hazardous materials training programs annually continues to significantly exceed capacity. To address the need and maximize the benefit of the training resources available, OFPC works with local and county agencies to prioritize course requests, with priority delivery given to established, operational hazardous materials response teams and localities that are creating such teams and have the means to sustain the capability.

The title of each hazardous materials response training course conducted in 2017, the number of times the courses were conducted and the number of firefighters and related personnel who completed the courses listed in Appendix K.

## **VII - Regional Training**

OFPC's Regional Training Program is designed to deliver advanced level training at regional sites statewide. This method reduces the time impact placed on students by reducing their travel time or requiring overnight stays. The delivery method also proves very beneficial for team related training as it allows large numbers of a specific team to train together in their local environment, enhancing team level skills and coordination.

Delivery of these training programs are often accomplished by utilizing full-time Fire Protection Specialists and part-time State Fire Instructors who possess high levels of specialty knowledge and skills in specific areas.

The title of each regional training course conducted in 2017, the number of times the courses were conducted and the number of firefighters and related personnel who completed the courses listed in Appendix L.

### **A. Technical Rescue Training Program**

OFPC's technical rescue training program provides firefighters and other emergency responders with instruction in specific areas of technical rescue including: structural collapse rescue; trench rescue; confined space rescue; rope rescue; and ice and swift water/flood rescue. OFPC held 263 technical rescue course offerings in 2017 and instructed 4,508 students. These courses are conducted at local and regional training sites by OFPC Fire Protection Specialists and designated State Fire Instructors who have subject matter expertise in technical training and experience. Course requests are honored based upon the availability of resources and a risk or hazard assessment, with priority given to locations and agencies that are positioned to utilize the training to establish or enhance operational capability to address risks and hazards within their jurisdiction.

OFPC has taken steps to increase the number of courses delivered by part-time State Fire instructors to conduct basic level technical rescue training as part of the Outreach Training program. OFPC is actively recruiting additional part-time State Fire Instructors qualified to supplement the full-time Fire Protection Specialists available to teach more advanced technical rescue courses. Federal Homeland Security grant funding has been critical in allowing OFPC to provide this training and additional federal grant funding has been requested to address technical rescue training program costs.

Water rescue training programs for both swift water and flood water represent an area where training needs have exceeded the capacity to deliver this training due, in large part, to the lack of suitable training environments. Currently, OFPC courses rely upon gaining access to sites with swift water conditions which are seasonally dependent or only available through arranging water releases from dams. The environmental dependency has proven to significantly hamper our ability to conduct this training and keep current the number of instructors capable of providing it. As a result, FDNY has had to send its personnel, at significant cost, to out of state training venues to obtain water rescue training. To address this challenge DHSES has undertaken construction of a dedicated swift water and flood rescue training facility at the State Preparedness Training Center in Oriskany, NY. This facility, which will be completed in 2018, will provide a significant increase in the realism, effectiveness and capacity of OFPC's water rescue training courses.

The title of each technical rescue training course conducted in 2017, the number of courses conducted and the number of firefighters and related personnel completing those courses are listed in Appendix L.

## **VIII - Firefighter Training Outside of New York State**

Pursuant to section 72-g of the General Municipal Law, fire chiefs report to OFPC the number of firefighters who attended training outside of New York State. In 2017, 299 firefighters attended such training. That training is sponsored by a variety of institutions like the National Fire Academy and the United States Department of Homeland Security as well as other respected fire service organizations.

### **A. National Fire Academy**

The National Fire Academy is the primary training unit of the United States Fire Administration which is part of the U. S. Department of Homeland Security. Firefighters from New York State have the opportunity to attend the National Fire Academy for training targeted primarily to middle and high level fire officers. OFPC partners with the National Fire Academy to increase the opportunities for New York State firefighters to receive National Fire Academy training. Each spring the NFA hosts a weekend dedicated to New York State firefighters. In 2017, 129 firefighters attended this unique training opportunity.

### **B. Professional Development Conferences and Seminars**

Each year leading fire service organizations conduct professional development programs and seminars across the Nation. In 2017, 170 firefighters attended these types of presentations. Many of the instructors delivering these programs and seminars come from New York State's fire service including those subject matter experts from OFPC. Some of the conferences and seminars are sponsored by organizations like the Fire Department Instructor's Conference (FDIC) held in Indianapolis, IN and the Fire House Expo sponsored by Fire House Magazine held in Nashville, TN.

A list of out of state training programs attended by firefighters is listed in Appendix M.

## **IX - Public Fire Safety Education**

OFPC provides general fire and life safety education and awareness to elevate the public's understanding of the danger of fire. By employing a number of means to disseminate information, from participating in fairs, open houses and festivals to large seminars and special events, OFPC works to extol the value of fire safety awareness and training. OFPC's House of Hazards helped to educate approximately 79,880 people at the NYS Fair in Syracuse and over 29,000 additional people were educated through public fire safety education in 2017.

OFPC also conducts formal training programs to state agencies and others who may request them to include; evacuation training; tenant safety organizations (TSO); hands-on use of fire extinguishers; hot work safety programs; hazardous materials in business occupancies and fire safe living. In furtherance of its Campus Fire Safety Program, OFPC provides fire safety education to college and university students, faculty and staff whether by direct delivery or through "train-the-trainer" programs for campus staff.

OFPC provides staffing to, and chairs the Team NY Risk Watch Coalition, working closely with educators, school administrators, and institutions to adopt the highly acclaimed national Risk Watch curriculum. It has also developed a training program for future teachers, so they can better develop and implement meaningful fire and life safety training programs for children throughout the State.

## **X – Appendices**

Appendix A: Courses by Delivery Method

Appendix B: Training Courses Conducted and Student Completions in 2017

Appendix C: Training Courses Conducted and Student Completions in 2017, By County

Appendix D: Outreach Training Course Chart 2017

Appendix E: Training Hours Requested, Allocated and Used, By County

Appendix F: Outreach Training Courses Conducted and Student Completions in 2017

Appendix G: Municipal Training Courses and Student Completions in 2017

Appendix H: Supplemental Training Courses and Student Completions in 2017

Appendix I: Academy of Fire Science Training Courses and Student Completions in 2017

Appendix J: Direct Delivery Training Courses and Student Completions in 2017

Appendix K: Hazardous Materials Emergency Response Training

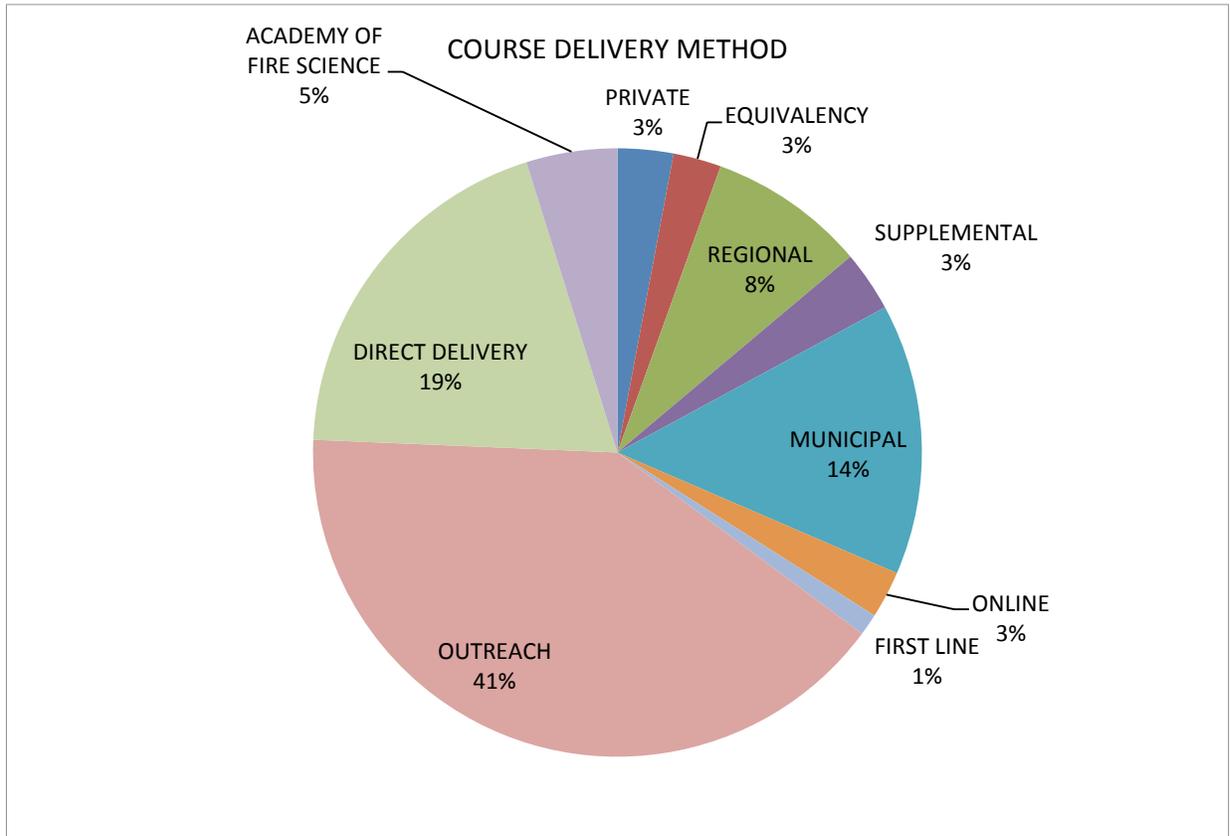
Appendix L: Regional Training Courses and Student Completions in 2017

Appendix M: Out of State Training

APPENDIX A

COURSES BY DELIVERY METHOD CHART

PRIVATE 93	EQUIVALENCY 80	REGIONAL 263	SUPPLEMENTAL 101	MUNICIPAL 453	ONLINE 79	FIRST LINE 36	OUTREACH 1274	DIRECT DELIVERY 613	ACADEMY OF FIRE SCIENCE 152
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## APPENDIX B

## TRAINING COURSES CONDUCTED AND STUDENT COMPLETIONS IN 2017

TITLE	NUM_OFFERING	NUM_STUD
24 RFFT FIRE PREVENTION TRAINING	5	176
ACCELERANT DETECTION CANINE TEAM ANNUAL IN-SERVICE TRAINING WORKSHOP	2	8
ACCIDENT VICTIM EXTRICATION TRAINING	83	1,180
ADVANCED ICS, ICS FOR COMMAND AND GENERAL STAFF COMPLEX INCIDENTS I-400	4	21
AIR SAMPLING AND MONITORING FOR THE OPERATIONS LEVEL RESPONDER	5	75
AIRCRAFT RESCUE AND FIREFIGHTING	5	82
ALTERNATIVE FIRE EXTINGUISHING SYSTEMS	1	18
ALTERNATIVE FUELED VEHICLES AND NEW VEHICLE TECHNOLOGY	10	118
APPARATUS OPERATOR - AERIAL DEVICE	37	374
APPARATUS OPERATOR - EMERGENCY VEHICLE OPERATIONS	96	1,289
APPARATUS OPERATOR - PUMP	105	1,167
BASIC EXTERIOR FIREFIGHTING OPERATIONS, 2016 EDITION W/HMFRO	146	2,070
BASIC PEACE OFFICER PROGRAM	1	12
BASIC RESCUE BOAT OPERATOR	1	22
BASIC STRUCTURAL COLLAPSE OPERATIONS	31	418
BASIC WILDLAND FIRE SUPPRESSION	16	233
BASIC WILDLAND SEARCH SKILLS (DEC)	20	284
BATH SALTS: THE LATEST THREAT TO RESPONDERS	2	67
BEFO - SCBA - IFO - FF I (BLENDED LEARNING)	14	137
CANINE ACCELERANT DETECTION CERTIFICATOIN	2	10
CANINE ACCELERANT DETECTION RECERTIFICATION	2	15
CARGO TRUCK-HAZARDOUS MATERIALS SPECIALIST	2	23
CFC/INSTRUCTOR TRAINING/SCHEDULING MEETING	80	24
CHAUTAUQUA COUNTY WEEKEND	1	90
CHEMICAL SUICIDES: INFORMATION FOR THE RESPONDER	8	225
CLASS B FOAM TRAILER OPERATIONS	12	225
CLASS B FOAM TRAILER OPERATIONS REFRESHER (2HRS)	3	103
CLASS B FOAM TRAILER OPERATIONS REFRESHER (4HRS)	15	286
CODES FOR COMMERCIAL KITCHENS	8	108
COMPANY OFFICER TRAINING WORKSHOP	12	256
COMPARTMENTALIZATION:INSPECTING FIRE-RESIST RATED CONSTRUCTION	8	63
CONCRETE BREACHING & BREAKING	4	54
CONFINED SPACE RESCUE - TECHNICIAN LEVEL	14	170
CONFINED SPACE: AWARENESS AND SAFETY	54	628
COUNTY FIRE COORDINATOR CONFERENCE	1	80
COURAGE TO BE SAFE; FIREFIGHTER LIFE SAFETY INITIATIVES	14	267
CROWD MANAGER FOR CODE ENFORCEMENT OFFICIALS	5	186
CROWD MANAGER FOR FACULTY & MANAGEMENT	29	1,045
DECONTAMINATION	15	298
DEFENSE AGAINST WEAPONS OF MASS DESTR AWARENESS	15	265
DETERMINING EVACUATION CAPABILITY FOR BOARD & CARE OCCUPANCIES	3	50
DUTCHESS COUNTY WEEKEND	1	92
ELECTRIC VEHICLE SAFETY FOR EMERGENCY RESPONDERS	6	83
ELECTRICAL FIRE CAUSE DETERMINATION I	3	34
ELECTRICAL FIRE CAUSE DETERMINATION II	3	38
EMERGENCY BOAT OPERATIONS & RESCUE	3	51
EMERGENCY MEDICAL TECHNICIAN REFRESHER	3	38
EMERGENCY MEDICAL TECHNICIAN-BASIC	1	8
EMERGENCY VEHICLE DRIVER TRAINING	4	21
ENGINE COMPANY OPERATIONS	34	361
EVALUATOR TRAINING	4	48
EVERYTHING A FIREFIGHTER WANTS TO TELL A CODE OFFICIAL	2	51
FASNY EMS CONFERENCE	1	208
FIRE ALARM SYSTEMS WORKSHOP	2	38
FIRE AND LIFE SAFETY EDUCATOR I	1	18
FIRE BEHAVIOR AND ARSON AWARENESS	30	344

## APPENDIX B

## TRAINING COURSES CONDUCTED AND STUDENT COMPLETIONS IN 2017

TITLE	NUM_OFFERING	NUM_STUD
FIRE BEHAVIOR AND ARSON AWARENESS / PRINCIPLES OF FIRE INV	2	27
FIRE BEHAVIOR IN A SINGLE FAMILY OCCUPANCY (FBSFO)	1	1
FIRE DRILL REPORTING FOR OPWDD	5	98
FIRE EXTINGUISHER MAINTENANCE	5	82
FIRE EXTINGUISHERS FOR CODE OFFICIALS	10	116
FIRE INSPECTIONS OF EXISTING BUILDINGS REGULATED AS ONE-FAMILY DWELLINGS	2	52
FIRE INSPECTOR I	1	16
FIRE INVESTIGATION	2	52
FIRE INVESTIGATION FOR THE LINE OFFICER	1	23
FIRE MARSHALS AND INSPECTORS PROGRAM	1	235
FIRE MOBILIZATION AND MUTUAL AID AWARENESS	8	95
FIRE MUTUAL AID RESOURCE MANAGEMENT	1	1
FIRE OFFICER I (NFPA 1021-2009 ED.)	4	55
FIRE OFFICER I (NFPA 1021-2014 EDITION)	53	584
FIRE OFFICER II (NFPA 1021-2014 EDITION)	4	32
FIRE OFFICER III (NFPA 1021-2014 EDITION)	1	3
FIRE POLICE	95	899
FIRE REPORTING WORKSHOP - VERSION 5.0	12	335
FIRE SAFETY AND RESPONSE FOR LAW ENFORCEMENT	2	11
FIRE SAFETY DURING CONSTRUCTION AND DEMOLITION	2	54
FIRE SAFETY FOR DIRECT SUPPORT PROFESSIONALS (OPWDD)	146	1,955
FIRE SAFETY FOR FREE THINKING ART STUDENTS	4	89
FIRE SAFETY INSPECTIONS AT CORRECTIONAL FACILITIES	2	16
FIRE SERVICE INSTRUCTOR I	25	394
FIRE SERVICE INSTRUCTOR II	5	82
FIRE SERVICE WOMEN OF NEW YORK STATE TRAINING	1	34
FIRE SPRINKLER PLANS REVIEW	2	19
FIRE SPRINKLER SYSTEMS WORKSHOP	3	77
FIRE/ARSON INVESTIGATION	3	40
FIRE/ARSON INVESTIGATION SEMINAR	1	359
FIRE/ARSON INVESTIGATION SPECIALTY - INTERVIEWING TECHNIQUES FOR THE FIRE INV.	2	17
FIRE/ARSON INVESTIGATION SPECIALTY - INVEST PHOTOGRAPHY	2	24
FIREFIGHTER 2 W/AVET	49	628
FIREFIGHTER ASSIST AND SEARCH TEAM (FAST)	66	570
FIREFIGHTER I	4	13
FIREFIGHTER SURVIVAL	79	908
FIREGROUND STRATEGIES AND TACTICS FOR FIRST ARRIVING COMPANIES	32	408
FIREWORKS AND PYROTECHNIC TRAINING	2	12
FIRST LINE SUPERVISOR TO FIRE OFFICER I BRIDGE COURSE	3	35
FIRST LINE SUPERVISORS TRAINING PROGRAMS	11	300
FIRST RECEIVER DECONTAMINATION	3	1
FLAMMABLE & COMBUSTIBLE LIQUID EMERGENCIES	4	37
FLAMMABLE GAS EMERGENCY RESPONSE WORKSHOP	5	111
GROUP HOME AWARENESS FOR THE FIRE SERVICE	13	379
HANDLING ELEVATOR EMERGENCIES	1	34
HAZ MAT STAFF REFRESHER TRAINING	2	58
HAZ MAT TECH MODULE 1: PRIMARY SKILLS FOR THE HAZARDOUS MATERIALS RESPONDER	19	229
HAZ MAT TECH MODULE 2: INTERPRETING THE HAZARDOUS ENVIRONMENT	13	209
HAZ MAT TECH MODULE 3: MANAGING THE HAZARDOUS MATERIALS INCIDENT	15	239
HAZ MAT TECH MODULE 4: ADVANCED SKILLS FOR THE HAZARDOUS MATERIALS RESPONDER	1	24
HAZ MAT TECH MODULE 5: SPECIALTY SKILLS FOR THE HAZARDOUS MATERIALS RESPONDER	1	24
HAZARDOUS MATERIALS FIRST RESPONDER AWARENESS	4	39
HAZARDOUS MATERIALS FIRST RESPONDER OPERATIONS	82	928
HAZARDOUS MATERIALS INCIDENT COMMAND	15	126
HAZARDOUS MATERIALS INCIDENT SAFETY OFFICER	4	58
HAZARDOUS MATERIALS STAFF REFRESHER TRAINING	1	22

## APPENDIX B

## TRAINING COURSES CONDUCTED AND STUDENT COMPLETIONS IN 2017

TITLE	NUM_OFFERING	NUM_STUD
HAZARDOUS MATERIALS TECHNICIAN BASIC REFRESHER	12	179
HAZARDOUS MATERIALS TRAINING PROGRAM	1	118
HAZARDOUS MATERIALS TRAINING PROGRAM - PRECONFERENCE (4HRS)	2	58
HIGHWAY SAFETY FOR EMERGENCY RESPONDERS	9	126
HM FIRST RESP OPS ANNUAL REFRESHER	132	2,790
ICE/COLD WATER RESCUE-TECHNICIAN LEVEL	19	224
ICS-100.B: INTRODUCTION TO ICS	46	198
ICS-200.B: ICS FOR SINGLE RESOURCES AND INITIAL ACTION INCIDENTS	15	62
INCIDENT SAFETY OFFICER (NFA)	32	349
INDUSTRIAL AND AGRICULTURAL MACHINERY RESCUE	1	28
IN-SERVICE SAFETY TRAINING (OSHA REFRESHER)	3	369
IN-SERVICE TRAINING - AVET	1	15
IN-SERVICE TRAINING - ROPE RESCUE	1	23
INSPECTION SAFETY	8	109
INSTRUCTOR DEVELOPMENT	5	102
INTERMEDIATE ICS, ICS FOR EXPANDING INCIDENTS I-300	19	275
INTRODUCTION TO FIRE INVESTIGATION	7	100
INTRODUCTION TO FIRE OFFICER	5	113
IS-700.A:NATIONAL INCIDENT MANAGEMENT SYSTEM, AN INTRODUCTION	39	181
IS-702: NIMS PUBLIC INFORMATION	2	2
IS-703: NIMS RESOURCE MANAGEMENT	1	1
IS-706: NIMS INTRASTATE MUTUAL AID, AN INTRODUCTION	1	1
JUVENILE FIRESETTER SYMPOSIUM	1	30
LEADERSHIP ACCOUNTABILITY, CULTURE AND KNOWLEDGE	2	406
LEADERSHIP II - STRATEGIES FOR PERSONAL SUCCESS (NFA)	1	18
LEADERSHIP SO EVERYONE GOES HOME	5	133
LEGAL ISSUES FOR THE FIRE SERVICE INSTRUCTOR	3	52
LEGAL ISSUES FOR THE VOLUNTEER FIRE SERVICE	2	55
LIVE FIRE CLASS B FOAM OPERATIONS	8	78
LIVE FIRE POLICY TRAINING	3	52
LIVE FIRE TRAINING (NFPA 1403, 2012 EDITION)	32	528
MED STRUCTRL COLLAPSE OPS: VOID SRCH & RSC	7	86
MEDIUM STRUCT COLLAPSE OPS: EXT SHORING	2	19
MEDIUM STRUCT COLLAPSE OPS: INT SHORING	3	19
MEDIUM STRUCTURAL COLLAPSE CONCEPTS	8	64
MEDIUM STRUCTURAL COLLAPSE OPERATIONS: TOOLS	13	226
NIMS IS 800 NAT'L RESP PLAN (NRP) AN INTRODUCTION	5	6
NWCG S-248 STATUS/CHECK-IN RECORDER	1	16
NYS DOH CERTIFIED LAB INSTRUCTOR	1	9
NYS FIRE SERVICES TRAINING WEEKEND	1	90
NYS INSTRUCTOR'S AUTHORIZATION TRAINING PROGRAM	3	278
NYS TRUSS IDENTIFICATION LAW	2	52
OFPC IN-SERVICE TRAINING	1	127
ON-SCENE REHABILITATION FOR EMERGENCY OPERATIONS	7	110
OSWEGO COUNTY WEEKEND	1	91
PASSENGER TRAIN EMERGENCY - AWARENESS	6	129
PASSENGER TRAIN EMERGENCY RESCUE PROCEDURES	2	49
PERSONAL PROTECTIVE EQUIPMENT FOR THE HAZ MAT OPERATIONS LEVEL RESPONDER	1	35
PRINCIPLES OF BLDG CONST: COMBUSTIBLE (NFA)	41	774
PRINCIPLES OF BUILDING CONSTRUCTION: NONCOMBUSTIBLE (NFA)	33	757
PRINCIPLES OF FIRE INVESTIGATION	10	224
PRINCIPLES OF INSTRUCTION	50	547
PUBLIC FIRE PREVENTION EDUCATION PROGRAM	1	137
PUBLIC SAFETY CRITICAL INCIDENT MANAGEMENT	2	20
PUBLIC SAFETY DISPATCHER - SUPERVISOR	1	9
PUBLIC SAFETY DISPATCHER I (APCO)	2	36

## APPENDIX B

## TRAINING COURSES CONDUCTED AND STUDENT COMPLETIONS IN 2017

TITLE	NUM_OFFERING	NUM_STUD
PUBLIC SAFETY DISPATCHER II	1	26
PUBLIC SAFETY WELLNESS, FITNESS AND REHAB AWARENESS	10	147
PUMPER SERVICE TESTING	2	21
Q133 & H134: CALLING THE MAYDAY COURSES (NFA)	2	19
RECOGNIZING CLANDESTINE DRUG LAB OPERATIONS	11	287
RECRUIT FIREFIGHTER TRAINING	6	80
REFRESHER TRAINING - 12 HOURS	17	164
REFRESHER TRAINING - 4 HOURS	10	225
REFRESHER TRAINING - 6 HOURS	25	366
REFRESHER TRAINING - 9 HOURS	31	585
REGIONAL FIRE ADMINISTRATORS CONFERENCE	1	76
RESCUE HEAVY RIGGING OPERATIONS	3	47
RESCUE TECH - BASIC/CONFINED SPACE -TECH LEVEL	3	67
RESCUE TECHNICIAN - BASIC	58	714
RESPIRATORY PROTECTION PROGRAM	4	78
ROPE RESCUE-OPERATIONS LEVEL	15	135
ROPE RESCUE-TECHNICIAN LEVEL I	5	70
ROPE RESCUE-TECHNICIAN LEVEL II	5	75
SCBA CONFIDENCE	25	323
SCBA/INTERIOR FIREFIGHTING OPERATIONS - FF1	126	1,671
SCHOOL BUS RESCUE	27	488
SCHOOL BUS RESCUE PRACTICAL SKILLS	21	332
SFI ORIENTATION	4	27
STATE FINANCIAL SYSTEM OVERVIEW	2	23
STRATEGY AND TACTICS FOR INITIAL COMPANY OPERATIONS (NFA)	2	20
SULLIVAN COUNTY WEEKEND	1	79
SWIFTWATER/FLOOD RESCUE TECHNICIAN	6	60
TACTICAL FIREGROUND SIMULATIONS	25	258
TECH RESCUE STAFF REFRESHER TRAINING	1	32
TECHNICAL RESCUE - PRECONFERENCE (16 HRS)	1	23
TECHNICAL RESCUE CONFERENCE	1	188
TERRORISM INDICATORS AND SUSPICIOUS ACTIVITY REPORTING FOR FIRE/EMS	31	49
THE CHALLENGE OF PESTICIDES AND POISONS	1	26
THE RULES HAVE CHANGED THE FIREFIGHTERS GUIDE TO LIGHTWEIGHT WOOD CONSTRUCTION	34	424
THERMAL IMAGING CAMERA OPERATIONS	1	47
TRAFFIC INCIDENT MANAGEMENT SYSTEM	39	722
TRENCH RESCUE-AWARENESS LEVEL	37	389
TRENCH RESCUE-OPERATIONS LEVEL	2	32
TRENCH RESCUE-TECHNICIAN LEVEL	1	31
TRUCK COMPANY OPERATIONS	44	558
VEHICLE ARSON AWARENESS PROGRAM (VAAP)	1	61
VEHICLE FIRE INVESTIGATION	2	29
VEHICLE RESCUE: OPERATIONS LEVEL	3	54
VOLUNTEER FIRE POLICE ASSOCIATION CONFERENCE	1	153
W0523 - EXECUTIVE SKILLS SERIES: EXERCISING LEADERSHIP ETHICALLY	1	13
W0633-YOUTH FIRESETTER INTERVENTION SPECIALIST (NFA)	1	22
W0760-NEW FIRE CHIEF 1: CHALLENGING ISSUES	1	19
W0761-NEW FIRE CHIEF II: ADMINISTRATIVE ISSUES	1	14
W0762-NEW FIRE CHIEF III:CONTEMPORARY ISSUES	1	19
W457-MANAGING COMPANY TACTICAL OPERATIONS: DECISION MAKING (NFA)	1	22
W730 HEALTH AND SAFETY OFFICER (NFA)	7	79
WATER RESCUE-AWARENESS LEVEL	54	986
WATER SUPPLY OPERATIONS	18	104
YOUTH FIRESETTING PREVENTION AND INTERVENTION - LEVEL I (NFA)	1	27
TOTAL	3,182	46,195

## APPENDIX C

## NUMBER OF TRAINING COURSES CONDUCTED AND STUDENT COMPLETIONS IN 2016, BY COUNTY

COUNTY	COURSES CONDUCTED	STUDENT COMPLETIONS
ALBANY	131	1,502
ALLEGANY	13	128
BRONX	0	0
BROOME	68	1,215
CATTARAUGUS	15	211
CAYUGA	42	450
CHAUTAUQUA	35	460
CHEMUNG	34	467
CHENANGO	43	374
CLINTON	22	294
COLUMBIA	28	435
CORTLAND	46	626
DELAWARE	15	178
DUTCHESS	108	1,531
ERIE	114	1,494
ESSEX	40	334
FRANKLIN	51	694
FULTON	14	204
GENESEE	27	358
GREENE	22	147
HAMILTON	15	175
HERKIMER	16	134
JEFFERSON	38	544
KINGS	4	30
LEWIS	15	172
LIVINGSTON	14	185
MADISON	22	252
MONROE	166	2,102
MONTGOMERY	25	181
NASSAU	89	1,212
NEW YORK	80	1,834
NIAGARA	50	565
ONEIDA	85	946
ONONDAGA	159	2,128
ONTARIO	30	299
ORANGE	82	1,212
ORLEANS	14	178
OSWEGO	43	601
OTSEGO	16	133
PUTNAM	24	258
QUEENS	5	100
RENSELAER	48	437
ROCKLAND	44	544
ST. LAWRENCE	39	487
SARATOGA	38	589
SCHENECTADY	38	460
SCHOHARIE	24	280
SCHUYLER	288	7,043

## APPENDIX C

## NUMBER OF TRAINING COURSES CONDUCTED AND STUDENT COMPLETIONS IN 2016, BY COUNTY

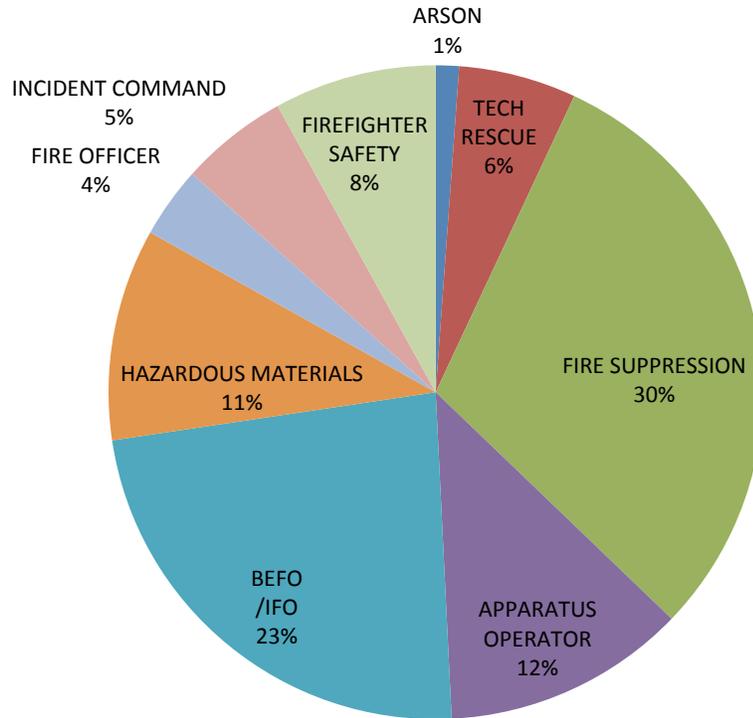
COUNTY	COURSES CONDUCTED	STUDENT COMPLETIONS
SENECA	21	286
STEUBEN	34	417
SUFFOLK	99	1,908
SULLIVAN	59	1,030
TIOGA	36	697
TOMPKINS	11	141
ULSTER	54	849
WARREN	25	313
WASHINGTON	16	156
WAYNE	29	495
WESTCHESTER	257	3,885
WYOMING	15	51
YATES	37	457
OUT OF STATE	87	220
UNKNOWN COUNTY	79	1,031
TOTAL	3,238	46,119

APPENDIX D

OUTREACH TRAINING COURSES CHART 2016

ARSON 14	TECH RESCUE 71	FIRE SUPPRESSION 369	APPARATUS OPERATOR 147	BEFO /IFO 286	HAZARDOUS MATERIALS 128	FIRE OFFICER 43	INCIDENT COMMAND 65	FIREFIGHTER SAFETY 98
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**OUTREACH COURSE DELIVERY**



**APPENDIX E**  
**TRAINING HOURS REQUESTED, ALLOCATED AND USED, BY COUNTY**

<b>COUNTY</b>	<b>INSTRUCTORS ASSIGNED</b>	<b>ALLOCATION 2015/16</b>	<b>ACTUAL USE 2015/16</b>	<b>ALLOCATION 2016/17</b>	<b>ACTUAL USE 2016/17</b>	<b>ALLOCATION 2017/18</b>	<b>ACTUAL USE 2017/18*</b>
ALBANY	10	1,600	2,779	1,600	1,865	1,650	1,856
ALLEGANY	5	950	1,213	1,000	288	1,000	351
BROOME	10	1,400	2,240	1,610	1,836	1,610	1,283
CATTARAUGUS	5	950	485	900	368	900	367
CAYUGA	9	1,300	1,978	1,300	1,187	1,300	1,239
CHAUTAUQUA	8	1,200	951	1,150	1,448	1,150	1,184
CHEMUNG	8	970	1,309	920	871	920	470
CHENANGO	6	750	1,017	800	718	800	941
CLINTON	8	1,000	1,048	950	752	950	968
COLUMBIA	7	1,300	1,108	1,250	931	1,250	826
CORTLAND	5	900	1,047	900	895	900	1,206
DELAWARE	5	800	596	800	345	800	635
DUTCHESS	11	2,100	1,820	2,050	1,845	2,050	1,576
ERIE	24	3,000	4,528	3,310	4,416	3,310	3,304
ESSEX	5	800	977	800	1,070	800	1,309
FRANKLIN	7	950	1,428	1,000	1,012	1,000	1,063
FULTON	5	770	1,123	800	151	800	689
GENESEE	8	1,200	952	1,150	786	1,150	625
GREENE	5	1,100	718	1,050	806	1,050	419
HAMILTON	2	450	203	400	168	400	289
HERKIMER	4	1,000	825	1,000	698	1,000	969
JEFFERSON	11	1,100	1,636	1,250	867	1,250	948
LEWIS	4	650	901	600	561	600	573
LIVINGSTON	7	880	467	830	683	830	490
MADISON	6	1,200	581	1,200	938	1,200	996
MONROE	13	1,600	1,021	1,550	961	1,550	1,712
MONTGOMERY	4	800	942	850	610	850	484
NIAGARA	7	1,600	1,576	1,550	1,894	1,550	1,496
ONEIDA	8	1,900	2,103	1,900	1,513	1,900	1,261
ONONDAGA	12	2,400	3,331	2,650	1,992	2,650	1,695
ONTARIO	7	1,300	1,196	1,250	904	1,250	712
ORANGE	18	2,700	3,290	2,700	2,223	2,700	2,667
ORLEANS	7	1,000	451	950	481	950	694
OSWEGO	9	1,200	1,156	1,150	1,296	1,150	1,015
OTSEGO	6	750	434	700	705	700	360
PUTNAM	7	1,000	841	1,100	794	1,100	710
RENSSELAER	11	2,200	3,051	2,300	2,517	2,300	1,445
ROCKLAND	10	1,800	1,701	1,750	1,258	1,750	1,335
ST. LAWRENCE	9	1,350	1,311	1,300	874	1,300	1,114
SARATOGA	13	1,900	1,590	1,850	1,091	1,850	1,693
SCHENECTADY	9	1,000	1,067	950	674	950	1,176
SCHOHARIE	5	800	1,100	800	705	800	661
SCHUYLER	4	660	1,014	610	271	610	493
SENECA	6	1,100	669	1,050	506	1,050	886
STEUBEN	10	800	901	800	592	800	549
SULLIVAN	9	1,700	1,843	1,650	1,195	1,650	991
TIOGA	5	770	730	720	483	720	799

APPENDIX E  
TRAINING HOURS REQUESTED, ALLOCATED AND USED, BY COUNTY

COUNTY	INSTRUCTORS ASSIGNED	ALLOCATION 2015/16	ACTUAL USE 2015/16	ALLOCATION 2016/17	ACTUAL USE 2016/17	ALLOCATION 2017/18	ACUTAL USE 2017/18*
TOMPKINS	4	770	370	720	616	720	449
ULSTER	10	1,500	2,089	1,750	1,743	1,750	1,260
WARREN	5	990	794	940	750	940	615
WASHINGTON	5	890	943	840	682	840	446
WAYNE	4	1,000	746	950	833	950	629
WESTCHESTER	17	2,700	3,444	2,800	2,335	2,800	2,385
WYOMING	5	800	905	800	744	800	465
YATES	6	800	935	750	414	750	889
SFI HOURS TOTAL	430	68,100	68530	68,300	57,161	68,350	55662
<b><i>*Allocations are based on the fiscal year. Actual Use reflects what is scheduled as of 1/26/2018.</i></b>							

APPENDIX F

OUTREACH TRAINING COURSES CONDUCTED AND STUDENT COMPLETIONS IN 2017

COURSE TITLE	COURSES CONDUCTED	STUDENT COMPLETIONS
ACCIDENT VICTIM EXTRICATION TRAINING	46	691
AIRCRAFT RESCUE AND FIREFIGHTING	5	82
APPARATUS OPERATOR - AERIAL DEVICE	22	239
APPARATUS OPERATOR - EMERGENCY VEHICLE OPERATIONS	59	736
APPARATUS OPERATOR - PUMP	66	728
BASIC EXTERIOR FIREFIGHTING OPERATIONS, 2016 EDITION W/HMFRO	121	1,530
BASIC STRUCTURAL COLLAPSE OPERATIONS	13	159
BASIC WILDLAND SEARCH SKILLS (DEC)	2	45
BEFO - SCBA - IFO - FF I (BLENDED LEARNING)	14	137
CFC/INSTRUCTOR TRAINING/SCHEDULING MEETING	80	24
COMPANY OFFICER TRAINING WORKSHOP	3	70
CONFINED SPACE RESCUE - TECHNICIAN LEVEL	1	12
CONFINED SPACE: AWARENESS AND SAFETY	16	141
COURAGE TO BE SAFE; FIREFIGHTER LIFE SAFETY INITIATIVES	10	187
DECONTAMINATION	1	27
DEFENSE AGAINST WEAPONS OF MASS DESTR AWARENESS	2	45
ELECTRIC VEHICLE SAFETY FOR EMERGENCY RESPONDERS	5	72
ENGINE COMPANY OPERATIONS	16	121
FIRE BEHAVIOR AND ARSON AWARENESS	14	133
FIRE OFFICER I (NFPA 1021-2009 ED.)	3	38
FIRE OFFICER I (NFPA 1021-2014 EDITION)	40	401
FIRE POLICE	22	482
FIREFIGHTER 2 W/AVET	25	276
FIREFIGHTER ASSIST AND SEARCH TEAM (FAST)	37	276
FIREFIGHTER SURVIVAL	51	545
FIREGROUND STRATEGIES AND TACTICS FOR FIRST ARRIVING COMPANIES	20	238
HAZARDOUS MATERIALS FIRST RESPONDER AWARENESS	2	9
HAZARDOUS MATERIALS FIRST RESPONDER OPERATIONS	35	158
HIGHWAY SAFETY FOR EMERGENCY RESPONDERS	6	84
HM FIRST RESP OPS ANNUAL REFRESHER	91	1,912
ICS-100.B: INTRODUCTION TO ICS	2	53
ICS-200.B: ICS FOR SINGLE RESOURCES AND INITIAL ACTION INCIDENTS	3	41
INCIDENT SAFETY OFFICER (NFA)	22	261
INTERMEDIATE ICS, ICS FOR EXPANDING INCIDENTS I-300	12	180
IS-700.A:NATIONAL INCIDENT MANAGEMENT SYSTEM, AN INTRODUCTION	2	40
LEADERSHIP ACCOUNTABILITY, CULTURE AND KNOWLEDGE	14	322
LEADERSHIP SO EVERYONE GOES HOME	5	133
LIVE FIRE TRAINING (NFPA 1403, 2012 EDITION)	18	282
ON-SCENE REHABILITATION FOR EMERGENCY OPERATIONS	5	73
PRINCIPLES OF BLDG CONST: COMBUSTIBLE (NFA)	19	231
PRINCIPLES OF BUILDING CONSTRUCTION: NONCOMBUSTIBLE (NFA)	13	134
PRINCIPLES OF INSTRUCTION	25	229
PUBLIC SAFETY WELLNESS, FITNESS AND REHAB AWARENESS	6	95
Q133 & H134: CALLING THE MAYDAY COURSES (NFA)	1	9
REFRESHER TRAINING - 12 HOURS	7	62
REFRESHER TRAINING - 4 HOURS	5	117
REFRESHER TRAINING - 6 HOURS	20	257

## APPENDIX F

## OUTREACH TRAINING COURSES CONDUCTED AND STUDENT COMPLETIONS IN 2017

COURSE TITLE	COURSES CONDUCTED	STUDENT COMPLETIONS
REFRESHER TRAINING - 9 HOURS	20	223
RESCUE TECHNICIAN - BASIC	31	352
SCBA CONFIDENCE	9	74
SCBA/INTERIOR FIREFIGHTING OPERATIONS - FF1	86	974
STRATEGY AND TACTICS FOR INITIAL COMPANY OPERATIONS (NFA)	1	8
TACTICAL FIREGROUND SIMULATIONS	4	22
THE RULES HAVE CHANGED THE FIREFIGHTERS GUIDE TO LIGHTWEIGHT WOOD CONSTRUCT	22	243
TRAFFIC INCIDENT MANAGEMENT SYSTEM	15	363
TRENCH RESCUE-AWARENESS LEVEL	18	212
TRUCK COMPANY OPERATIONS	20	219
W730 HEALTH AND SAFETY OFFICER (NFA)	5	49
WATER RESCUE-AWARENESS LEVEL	22	396
WATER SUPPLY OPERATIONS	14	82
TOTAL	1,274	15,334

APPENDIX G

MUNICIPAL TRAINING COURSES AND STUDENT COMPLETIONS IN 2017

COURSE TITLE	COURSES CONDUCTED	STUDENT COMPLETIONS
24 RFFT FIRE PREVENTION TRAINING	1	12
ACCIDENT VICTIM EXTRICATION TRAINING	25	269
APPARATUS OPERATOR - AERIAL DEVICE	15	135
APPARATUS OPERATOR - EMERGENCY VEHICLE OPERATIONS	15	161
APPARATUS OPERATOR - PUMP	24	220
BASIC EXTERIOR FIREFIGHTING OPERATIONS, 2016 EDITION W/HMFRO	8	117
BASIC STRUCTURAL COLLAPSE OPERATIONS	10	128
BASIC WILDLAND FIRE SUPPRESSION	1	12
CONFINED SPACE RESCUE - TECHNICIAN LEVEL	8	75
CONFINED SPACE: AWARENESS AND SAFETY	26	265
COURAGE TO BE SAFE; FIREFIGHTER LIFE SAFETY INITIATIVES	2	33
DEFENSE AGAINST WEAPONS OF MASS DESTR AWARENESS	9	154
ENGINE COMPANY OPERATIONS	11	117
FIRE BEHAVIOR AND ARSON AWARENESS	15	194
FIRE OFFICER I (NFPA 1021-2014 EDITION)	2	25
FIRE POLICE	5	30
FIREFIGHTER 2 W/AVET	13	133
FIREFIGHTER ASSIST AND SEARCH TEAM (FAST)	22	169
FIREFIGHTER I	4	13
FIREFIGHTER SURVIVAL	22	229
FIRST LINE SUPERVISOR TO FIRE OFFICER I BRIDGE COURSE	3	35
HANDLING ELEVATOR EMERGENCIES	1	34
HAZARDOUS MATERIALS FIRST RESPONDER OPERATIONS	30	310
HM FIRST RESP OPS ANNUAL REFRESHER	15	365
ICS-200.B: ICS FOR SINGLE RESOURCES AND INITIAL ACTION INCIDENTS	4	13
INCIDENT SAFETY OFFICER (NFA)	3	5
INTERMEDIATE ICS, ICS FOR EXPANDING INCIDENTS I-300	2	19
LIVE FIRE TRAINING (NFPA 1403, 2012 EDITION)	6	47
MEDIUM STRUCTURAL COLLAPSE CONCEPTS	5	39
MEDIUM STRUCTURAL COLLAPSE OPERATIONS: TOOLS	4	107
ON-SCENE REHABILITATION FOR EMERGENCY OPERATIONS	2	37
PASSENGER TRAIN EMERGENCY RESCUE PROCEDURES	2	49
PRINCIPLES OF BLDG CONST: COMBUSTIBLE (NFA)	12	16
PRINCIPLES OF BUILDING CONSTRUCTION: NONCOMBUSTIBLE (NFA)	9	78
PRINCIPLES OF INSTRUCTION	11	140
REFRESHER TRAINING - 6 HOURS	2	23
REFRESHER TRAINING - 9 HOURS	2	205
RESCUE TECHNICIAN - BASIC	21	259
ROPE RESCUE-TECHNICIAN LEVEL II	4	56
SCBA CONFIDENCE	13	142
SCBA/INTERIOR FIREFIGHTING OPERATIONS - FF1	22	260
THE RULES HAVE CHANGED THE FIREFIGHTERS GUIDE TO LIGHTWEIGHT WOOD CONSTRUCTION	5	58
TRENCH RESCUE-AWARENESS LEVEL	12	89
TRUCK COMPANY OPERATIONS	12	125
WATER RESCUE-AWARENESS LEVEL	13	147
TOTAL	453	5,149

## APPENDIX H

## SUPPLEMENTAL TRAINING COURSES AND STUDENT COMPLETIONS IN 2017

COURSE TITLE	COURSES CONDUCTED	STUDENT COMPLETIONS
ACCIDENT VICTIM EXTRICATION TRAINING	3	57
APPARATUS OPERATOR - EMERGENCY VEHICLE OPERATIONS	7	94
APPARATUS OPERATOR - PUMP	5	64
BASIC EXTERIOR FIREFIGHTING OPERATIONS, 2016 EDITION W/HMFRO	1	21
BASIC STRUCTURAL COLLAPSE OPERATIONS	2	43
CONFINED SPACE: AWARENESS AND SAFETY	5	62
FIRE BEHAVIOR AND ARSON AWARENESS	1	17
FIRE OFFICER I (NFPA 1021-2014 EDITION)	1	18
FIRE POLICE	5	94
FIREFIGHTER 2 W/AVET	3	45
FIREFIGHTER SURVIVAL	2	27
FIREGROUND STRATEGIES AND TACTICS FOR FIRST ARRIVING COMPANIES	1	13
HIGHWAY SAFETY FOR EMERGENCY RESPONDERS	2	29
HM FIRST RESP OPS ANNUAL REFRESHER	17	323
INCIDENT SAFETY OFFICER (NFA)	2	32
LEADERSHIP ACCOUNTABILITY, CULTURE AND KNOWLEDGE	2	36
MEDIUM STRUCTURAL COLLAPSE OPERATIONS: TOOLS	1	25
PRINCIPLES OF BLDG CONST: COMBUSTIBLE (NFA)	2	12
PRINCIPLES OF INSTRUCTION	2	13
PUBLIC SAFETY CRITICAL INCIDENT MANAGEMENT	1	11
PUBLIC SAFETY WELLNESS, FITNESS AND REHAB AWARENESS	4	52
REFRESHER TRAINING - 12 HOURS	1	16
REFRESHER TRAINING - 4 HOURS	1	44
REFRESHER TRAINING - 6 HOURS	2	19
REFRESHER TRAINING - 9 HOURS	7	129
RESCUE TECHNICIAN - BASIC	2	11
SCBA/INTERIOR FIREFIGHTING OPERATIONS - FF1	2	31
TRAFFIC INCIDENT MANAGEMENT SYSTEM	3	46
TRENCH RESCUE-AWARENESS LEVEL	1	18
TRENCH RESCUE-OPERATIONS LEVEL	1	17
TRENCH RESCUE-TECHNICIAN LEVEL	1	31
W730 HEALTH AND SAFETY OFFICER (NFA)	2	30
WATER RESCUE-AWARENESS LEVEL	9	170
TOTAL	101	1,650

## APPENDIX I

## ACADEMY OF FIRE SCIENCE TRAINING COURSES AND STUDENT COMPLETIONS IN 2017

COURSE TITLE	COURSES CONDUCTED	STUDENT COMPLETIONS
24 RFFT FIRE PREVENTION TRAINING	2	93
ACCELERANT DETECTION CANINE TEAM ANNUAL IN-SERVICE TRAINING WORKSHOP	2	8
ACCIDENT VICTIM EXTRICATION TRAINING	2	80
ALTERNATIVE FIRE EXTINGUISHING SYSTEMS	1	18
ALTERNATIVE FUELED VEHICLES AND NEW VEHICLE TECHNOLOGY	2	36
APPARATUS OPERATOR - EMERGENCY VEHICLE OPERATIONS	2	81
APPARATUS OPERATOR - PUMP	2	81
BASIC EXTERIOR FIREFIGHTING OPERATIONS, 2016 EDITION W/HMFRO	2	81
BASIC PEACE OFFICER PROGRAM	1	12
CANINE ACCELERANT DETECTION CERTIFICATOIN	2	10
CANINE ACCELERANT DETECTION RECERTIFICATION	2	15
CARGO TRUCK-HAZARDOUS MATERIALS SPECIALIST	2	23
CHAUTAUQUA COUNTY WEEKEND	1	90
CONFINED SPACE RESCUE - TECHNICIAN LEVEL	1	18
CONFINED SPACE: AWARENESS AND SAFETY	2	79
COUNTY FIRE COORDINATOR CONFERENCE	1	80
COURAGE TO BE SAFE; FIREFIGHTER LIFE SAFETY INITIATIVES	2	47
DECONTAMINATION	1	22
DUTCHESS COUNTY WEEKEND	1	92
ELECTRICAL FIRE CAUSE DETERMINATION I	3	34
ELECTRICAL FIRE CAUSE DETERMINATION II	3	38
EMERGENCY MEDICAL TECHNICIAN REFRESHER	3	38
EMERGENCY MEDICAL TECHNICIAN-BASIC	1	8
FASNY EMS CONFERENCE	1	208
FIRE ALARM SYSTEMS WORKSHOP	2	38
FIRE AND LIFE SAFETY EDUCATOR I	1	18
FIRE BEHAVIOR AND ARSON AWARENESS / PRINCIPLES OF FIRE INV	2	27
FIRE EXTINGUISHER MAINTENANCE	3	44
FIRE INSPECTOR I	1	16
FIRE INVESTIGATION	1	25
FIRE MARSHALS AND INSPECTORS PROGRAM	1	235
FIRE OFFICER I (NFPA 1021-2014 EDITION)	4	57
FIRE OFFICER II (NFPA 1021-2014 EDITION)	4	32
FIRE OFFICER III (NFPA 1021-2014 EDITION)	1	3
FIRE REPORTING WORKSHOP - VERSION 5.0	2	80
FIRE SERVICE INSTRUCTOR I	5	95
FIRE SERVICE INSTRUCTOR II	2	23
FIRE SERVICE WOMEN OF NEW YORK STATE TRAINING	1	34
FIRE SPRINKLER PLANS REVIEW	1	9
FIRE SPRINKLER SYSTEMS WORKSHOP	2	32
FIRE/ARSON INVESTIGATION	3	40
FIRE/ARSON INVESTIGATION SEMINAR	1	359
FIRE/ARSON INVESTIGATION SPECIALTY - INTERVIEWING TECHNIQUES FOR THE FIRE INV.	2	17
FIRE/ARSON INVESTIGATION SPECIALTY - INVEST PHOTOGRAPHY	2	24
FIREFIGHTER 2 W/AVET	2	80

## APPENDIX I

## ACADEMY OF FIRE SCIENCE TRAINING COURSES AND STUDENT COMPLETIONS IN 2017

COURSE TITLE	COURSES CONDUCTED	STUDENT COMPLETIONS
FIREFIGHTER SURVIVAL	2	81
FIREGROUND STRATEGIES AND TACTICS FOR FIRST ARRIVING COMPANIES	2	9
FLAMMABLE GAS EMERGENCY RESPONSE WORKSHOP	3	80
HAZ MAT TECH MODULE 1: PRIMARY SKILLS FOR THE HAZARDOUS MATERIALS RESPONDER	3	46
HAZ MAT TECH MODULE 2: INTERPRETING THE HAZARDOUS ENVIRONMENT	2	46
HAZ MAT TECH MODULE 3: MANAGING THE HAZARDOUS MATERIALS INCIDENT	2	37
HAZ MAT TECH MODULE 4: ADVANCED SKILLS FOR THE HAZARDOUS MATERIALS RESPONDER	1	24
HAZ MAT TECH MODULE 5: SPECIALTY SKILLS FOR THE HAZARDOUS MATERIALS RESPONDER	1	24
HAZARDOUS MATERIALS FIRST RESPONDER OPERATIONS	2	81
HAZARDOUS MATERIALS TRAINING PROGRAM	1	118
HAZARDOUS MATERIALS TRAINING PROGRAM - PRECONFERENCE (4HRS)	2	58
ICE/COLD WATER RESCUE-TECHNICIAN LEVEL	3	51
INTRODUCTION TO FIRE INVESTIGATION	2	56
JUVENILE FIRESETTER SYMPOSIUM	1	30
LEADERSHIP II - STRATEGIES FOR PERSONAL SUCCESS (NFA)	1	18
NWCG S-248 STATUS/CHECK-IN RECORDER	1	16
NYS DOH CERTIFIED LAB INSTRUCTOR	1	9
NYS INSTRUCTOR'S AUTHORIZATION TRAINING PROGRAM	3	278
OSWEGO COUNTY WEEKEND	1	91
PUBLIC FIRE PREVENTION EDUCATION PROGRAM	1	137
PUBLIC SAFETY DISPATCHER - SUPERVISOR	1	9
PUBLIC SAFETY DISPATCHER I (APCO)	2	36
PUBLIC SAFETY DISPATCHER II	1	26
PUMPER SERVICE TESTING	1	10
RECRUIT FIREFIGHTER TRAINING	6	80
REGIONAL FIRE ADMINISTRATORS CONFERENCE	1	76
RESCUE TECHNICIAN - BASIC	2	80
ROPE RESCUE-OPERATIONS LEVEL	2	44
SCBA CONFIDENCE	2	80
SCBA/INTERIOR FIREFIGHTING OPERATIONS - FF1	2	81
SCHOOL BUS RESCUE	1	16
SCHOOL BUS RESCUE PRACTICAL SKILLS	1	16
SFI ORIENTATION	4	27
STATE FINANCIAL SYSTEM OVERVIEW	2	23
SULLIVAN COUNTY WEEKEND	1	79
TECHNICAL RESCUE - PRECONFERENCE (16 HRS)	1	23
TECHNICAL RESCUE CONFERENCE	1	188
THERMAL IMAGING CAMERA OPERATIONS	1	47
TRENCH RESCUE-OPERATIONS LEVEL	1	15
TRUCK COMPANY OPERATIONS	2	81
VEHICLE FIRE INVESTIGATION	2	29
VOLUNTEER FIRE POLICE ASSOCIATION CONFERENCE	1	153
W0523 - EXECUTIVE SKILLS SERIES: EXERCISING LEADERSHIP ETHICALLY	1	13
W0633-YOUTH FIRESETTER INTERVENTION SPECIALIST (NFA)	1	22
W0760-NEW FIRE CHIEF 1: CHALLENGING ISSUES	1	19
W0761-NEW FIRE CHIEF II: ADMINISTRATIVE ISSUES	1	14
W0762-NEW FIRE CHIEF III:CONTEMPORARY ISSUES	1	19
W457-MANAGING COMPANY TACTICAL OPERATIONS: DECISION MAKING (NFA)	1	22
YOUTH FIRESETTING PREVENTION AND INTERVENTION - LEVEL I (NFA)	1	27
	152	4,811

## APPENDIX J

## DIRECT DELIVERY TRAINING COURSES AND STUDENT COMPLETIONS IN 2017

COURSE TITLE	COURSES CONDUCTED	STUDENT COMPLETIONS
24 RFFT FIRE PREVENTION TRAINING	2	71
ACCIDENT VICTIM EXTRICATION TRAINING	7	83
AIR SAMPLING AND MONITORING FOR THE OPERATIONS LEVEL RESPONDER	5	75
ALTERNATIVE FUELED VEHICLES AND NEW VEHICLE TECHNOLOGY	8	82
BASIC RESCUE BOAT OPERATOR	1	22
BASIC STRUCTURAL COLLAPSE OPERATIONS	4	50
BATH SALTS: THE LATEST THREAT TO RESPONDERS	2	67
CHEMICAL SUICIDES: INFORMATION FOR THE RESPONDER	8	225
CLASS B FOAM TRAILER OPERATIONS	12	225
CLASS B FOAM TRAILER OPERATIONS REFRESHER (2HRS)	3	103
CLASS B FOAM TRAILER OPERATIONS REFRESHER (4HRS)	15	286
CODES FOR COMMERCIAL KITCHENS	8	108
COMPANY OFFICER TRAINING WORKSHOP	4	46
COMPARTMENTALIZATION:INSPECTING FIRE-RESIST RATED CONSTRUCTION	8	63
CONCRETE BREACHING & BREAKING	1	18
CONFINED SPACE: AWARENESS AND SAFETY	2	29
CROWD MANAGER FOR CODE ENFORCEMENT OFFICIALS	5	186
CROWD MANAGER FOR FACULTY & MANAGEMENT	29	1,045
DECONTAMINATION	13	249
DEFENSE AGAINST WEAPONS OF MASS DESTR AWARENESS	1	14
DETERMINING EVACUATION CAPABILITY FOR BOARD & CARE OCCUPANCIES	3	50
ENGINE COMPANY OPERATIONS	1	26
EVALUATOR TRAINING	4	48
EVERYTHING A FIREFIGHTER WANTS TO TELL A CODE OFFICIAL	2	51
FIRE DRILL REPORTING FOR OPWDD	5	98
FIRE EXTINGUISHER MAINTENANCE	2	38
FIRE EXTINGUISHERS FOR CODE OFFICIALS	10	116
FIRE INSPECTIONS OF EXISTING BUILDINGS REGULATED AS ONE-FAMILY DWELLINGS	2	52
FIRE INVESTIGATION	1	27
FIRE INVESTIGATION FOR THE LINE OFFICER	1	23
FIRE MOBILIZATION AND MUTUAL AID AWARENESS	8	95
FIRE MUTUAL AID RESOURCE MANAGEMENT	1	1
FIRE REPORTING WORKSHOP - VERSION 5.0	10	255
FIRE SAFETY AND RESPONSE FOR LAW ENFORCEMENT	2	11
FIRE SAFETY DURING CONSTRUCTION AND DEMOLITION	2	54
FIRE SAFETY FOR DIRECT SUPPORT PROFESSIONALS (OPWDD)	146	1,955
FIRE SAFETY FOR FREE THINKING ART STUDENTS	4	89
FIRE SAFETY INSPECTIONS AT CORRECTIONAL FACILITIES	2	16
FIRE SPRINKLER PLANS REVIEW	1	10
FIRE SPRINKLER SYSTEMS WORKSHOP	1	45
FIREGROUND STRATEGIES AND TACTICS FOR FIRST ARRIVING COMPANIES	1	19
FIREWORKS AND PYROTECHNIC TRAINING	2	12
FIRST RECEIVER DECONTAMINATION	3	1
FLAMMABLE & COMBUSTIBLE LIQUID EMERGENCIES	4	37
FLAMMABLE GAS EMERGENCY RESPONSE WORKSHOP	2	31
GROUP HOME AWARENESS FOR THE FIRE SERVICE	13	379

## APPENDIX J

## DIRECT DELIVERY TRAINING COURSES AND STUDENT COMPLETIONS IN 2017

HAZ MAT STAFF REFRESHER TRAINING	2	58
HAZ MAT TECH MODULE 1: PRIMARY SKILLS FOR THE HAZARDOUS MATERIALS RESPONDER	16	183
HAZ MAT TECH MODULE 2: INTERPRETING THE HAZARDOUS ENVIRONMENT	11	163
HAZ MAT TECH MODULE 3: MANAGING THE HAZARDOUS MATERIALS INCIDENT	13	202
HAZARDOUS MATERIALS FIRST RESPONDER OPERATIONS	2	21
HAZARDOUS MATERIALS INCIDENT COMMAND	15	126
HAZARDOUS MATERIALS INCIDENT SAFETY OFFICER	4	58
HAZARDOUS MATERIALS STAFF REFRESHER TRAINING	1	22
HAZARDOUS MATERIALS TECHNICIAN BASIC REFRESHER	12	179
HM FIRST RESP OPS ANNUAL REFRESHER	6	138
ICE/COLD WATER RESCUE-TECHNICIAN LEVEL	4	33
INDUSTRIAL AND AGRICULTURAL MACHINERY RESCUE	1	28
IN-SERVICE SAFETY TRAINING (OSHA REFRESHER)	3	369
IN-SERVICE TRAINING - AVET	1	15
IN-SERVICE TRAINING - ROPE RESCUE	1	23
INSPECTION SAFETY	8	109
INSTRUCTOR DEVELOPMENT	2	55
INTERMEDIATE ICS, ICS FOR EXPANDING INCIDENTS I-300	1	18
INTRODUCTION TO FIRE INVESTIGATION	5	44
LEADERSHIP ACCOUNTABILITY, CULTURE AND KNOWLEDGE	2	48
LIVE FIRE CLASS B FOAM OPERATIONS	7	57
LIVE FIRE TRAINING (NFPA 1403, 2012 EDITION)	7	154
MED STRUCTRL COLLPSE OPS: VOID SRCH & RSC	1	11
MEDIUM STRUCT COLLAPSE OPS: INT SHORING	1	1
MEDIUM STRUCTURAL COLLAPSE CONCEPTS	2	9
NYS FIRE SERVICES TRAINING WEEKEND	1	90
NYS TRUSS IDENTIFICATION LAW	2	52
OFPC IN-SERVICE TRAINING	1	127
PERSONAL PROTECTIVE EQUIPMENT FOR THE HAZ MAT OPERATIONS LEVEL RESPONDER	1	35
RECOGNIZING CLANDESTINE DRUG LAB OPERATIONS	5	124
REFRESHER TRAINING - 12 HOURS	3	44
REFRESHER TRAINING - 4 HOURS	3	25
REFRESHER TRAINING - 9 HOURS	2	28
RESCUE HEAVY RIGGING OPERATIONS	2	16
RESPIRATORY PROTECTION PROGRAM	4	78
ROPE RESCUE-OPERATIONS LEVEL	2	12
SCBA CONFIDENCE	1	27
SCHOOL BUS RESCUE	26	472
SCHOOL BUS RESCUE PRACTICAL SKILLS	20	316
SWIFTWATER/FLOOD RESCUE TECHNICIAN	1	13
TACTICAL FIREGROUND SIMULATIONS	2	18
TECH RESCUE STAFF REFRESHER TRAINING	1	32
THE CHALLENGE OF PESTICIDES AND POISONS	1	26
THE RULES HAVE CHANGED THE FIREFIGHTERS GUIDE TO LIGHTWEIGHT WOOD CONSTRUCTION	3	54
TRAFFIC INCIDENT MANAGEMENT SYSTEM	17	251
TRENCH RESCUE-AWARENESS LEVEL	3	38
VEHICLE ARSON AWARENESS PROGRAM (VAAP)	1	61
VEHICLE RESCUE: OPERATIONS LEVEL	3	54
WATER RESCUE-AWARENESS LEVEL	9	173
TOTAL	613	10,876

APPENDIX K

HAZARDOUS MATERIALS EMERGENCY RESPONSE TRAINING COURSES AND STUDENT COMPLETIONS IN 2017

COURSE TITLE	COURSES CONDUCTED	STUDENT COMPLETIONS
AIR SAMPLING AND MONITORING FOR THE OPERATIONS LEVEL RESPONDER	5	75
BATH SALTS: THE LATEST THREAT TO RESPONDERS	2	67
CARGO TRUCK-HAZARDOUS MATERIALS SPECIALIST	2	23
CHEMICAL SUICIDES: INFORMATION FOR THE RESPONDER	8	225
CLASS B FOAM TRAILER OPERATIONS	12	225
CLASS B FOAM TRAILER OPERATIONS REFRESHER (2HRS)	3	103
CLASS B FOAM TRAILER OPERATIONS REFRESHER (4HRS)	15	286
DECONTAMINATION	15	298
DEFENSE AGAINST WEAPONS OF MASS DESTR AWARENESS	15	265
FIRST RECEIVER DECONTAMINATION	3	1
FLAMMABLE & COMBUSTIBLE LIQUID EMERGENCIES	4	37
FLAMMABLE GAS EMERGENCY RESPONSE WORKSHOP	5	111
HAZ MAT STAFF REFRESHER TRAINING	2	58
HAZ MAT TECH MODULE 1: PRIMARY SKILLS FOR THE HAZARDOUS MATERIALS RESPONDER	19	229
HAZ MAT TECH MODULE 2: INTERPRETING THE HAZARDOUS ENVIRONMENT	13	209
HAZ MAT TECH MODULE 3: MANAGING THE HAZARDOUS MATERIALS INCIDENT	15	239
HAZ MAT TECH MODULE 4: ADVANCED SKILLS FOR THE HAZARDOUS MATERIALS RESPONDER	1	24
HAZ MAT TECH MODULE 5: SPECIALTY SKILLS FOR THE HAZARDOUS MATERIALS RESPONDER	1	24
HAZARDOUS MATERIALS FIRST RESPONDER AWARENESS	4	39
HAZARDOUS MATERIALS FIRST RESPONDER OPERATIONS	82	928
HAZARDOUS MATERIALS INCIDENT COMMAND	15	126
HAZARDOUS MATERIALS INCIDENT SAFETY OFFICER	4	58
HAZARDOUS MATERIALS STAFF REFRESHER TRAINING	1	22
HAZARDOUS MATERIALS TECHNICIAN BASIC REFRESHER	12	179
HM FIRST RESP OPS ANNUAL REFRESHER	132	2,790
LIVE FIRE CLASS B FOAM OPERATIONS	8	78
PERSONAL PROTECTIVE EQUIPMENT FOR THE HAZ MAT OPERATIONS LEVEL RESPONDER	1	35
RECOGNIZING CLANDESTINE DRUG LAB OPERATIONS	11	287
RESPIRATORY PROTECTION PROGRAM	4	78
THE CHALLENGE OF PESTICIDES AND POISONS	1	26
TOTAL	415	7,145

APPENDIX L

REGIONAL TRAINING COURSES AND STUDENT COMPLETIONS IN 2017

COURSE TITLE	COURSES CONDUCTED	STUDENT COMPLETIONS
ADVANCED ICS, ICS FOR COMMAND AND GENERAL STAFF COMPLEX INCIDENTS I-400	4	21
APPARATUS OPERATOR - EMERGENCY VEHICLE OPERATIONS	2	25
APPARATUS OPERATOR - PUMP	5	57
BASIC EXTERIOR FIREFIGHTING OPERATIONS, 2016 EDITION W/HMFRO	5	90
BASIC STRUCTURAL COLLAPSE OPERATIONS	2	38
COMPANY OFFICER TRAINING WORKSHOP	5	140
CONCRETE BREACHING & BREAKING	3	36
CONFINED SPACE RESCUE - TECHNICIAN LEVEL	3	52
CONFINED SPACE: AWARENESS AND SAFETY	3	52
DEFENSE AGAINST WEAPONS OF MASS DESTR AWARENESS	3	52
ELECTRIC VEHICLE SAFETY FOR EMERGENCY RESPONDERS	1	11
EMERGENCY BOAT OPERATIONS & RESCUE	3	51
ENGINE COMPANY OPERATIONS	6	97
FIRE BEHAVIOR IN A SINGLE FAMILY OCCUPANCY (FBSFO)	1	1
FIRE OFFICER I (NFPA 1021-2014 EDITION)	6	83
FIRE SERVICE INSTRUCTOR I	6	64
FIRE SERVICE INSTRUCTOR II	3	59
FIREFIGHTER 2 W/AVET	2	25
FIREFIGHTER ASSIST AND SEARCH TEAM (FAST)	1	13
FIREFIGHTER SURVIVAL	2	26
FIREGROUND STRATEGIES AND TACTICS FOR FIRST ARRIVING COMPANIES	8	129
HAZARDOUS MATERIALS FIRST RESPONDER AWARENESS	2	30
HAZARDOUS MATERIALS FIRST RESPONDER OPERATIONS	3	52
HIGHWAY SAFETY FOR EMERGENCY RESPONDERS	1	13
HM FIRST RESP OPS ANNUAL REFRESHER	3	52
ICE/COLD WATER RESCUE-TECHNICIAN LEVEL	15	140
ICS-100.B: INTRODUCTION TO ICS	9	104
ICS-200.B: ICS FOR SINGLE RESOURCES AND INITIAL ACTION INCIDENTS	1	1
INCIDENT SAFETY OFFICER (NFA)	5	51
INSTRUCTOR DEVELOPMENT	3	47
INTERMEDIATE ICS, ICS FOR EXPANDING INCIDENTS I-300	2	14
IS-700.A:NATIONAL INCIDENT MANAGEMENT SYSTEM, AN INTRODUCTION	8	104
LEGAL ISSUES FOR THE FIRE SERVICE INSTRUCTOR	3	52
LEGAL ISSUES FOR THE VOLUNTEER FIRE SERVICE	2	55
LIVE FIRE CLASS B FOAM OPERATIONS	1	21
LIVE FIRE POLICY TRAINING	3	52
LIVE FIRE TRAINING (NFPA 1403, 2012 EDITION)	1	45
MED STRUCTRL COLLPSE OPS: VOID SRCH & RSC	6	75
MEDIUM STRUCT COLLAPSE OPS: EXT SHORING	2	19
MEDIUM STRUCT COLLAPSE OPS: INT SHORING	2	18
MEDIUM STRUCTURAL COLLAPSE CONCEPTS	1	16
MEDIUM STRUCTURAL COLLAPSE OPERATIONS: TOOLS	8	94
PASSENGER TRAIN EMERGENCY - AWARENESS	4	77
PRINCIPLES OF BLDG CONST: COMBUSTIBLE (NFA)	8	515
PRINCIPLES OF BUILDING CONSTRUCTION: NONCOMBUSTIBLE (NFA)	10	544
PRINCIPLES OF INSTRUCTION	8	100
PUBLIC SAFETY CRITICAL INCIDENT MANAGEMENT	1	9
PUMPER SERVICE TESTING	1	11
REFRESHER TRAINING - 12 HOURS	6	42
REFRESHER TRAINING - 6 HOURS	1	67
RESCUE HEAVY RIGGING OPERATIONS	1	31
RESCUE TECH - BASIC/CONFINED SPACE -TECH LEVEL	3	67
ROPE RESCUE-OPERATIONS LEVEL	11	79
ROPE RESCUE-TECHNICIAN LEVEL I	5	70
ROPE RESCUE-TECHNICIAN LEVEL II	1	19
SCBA/INTERIOR FIREFIGHTING OPERATIONS - FF1	5	81

## APPENDIX L

## REGIONAL TRAINING COURSES AND STUDENT COMPLETIONS IN 2017

<b>COURSE TITLE</b>	<b>COURSES CONDUCTED</b>	<b>STUDENT COMPLETIONS</b>
STRATEGY AND TACTICS FOR INITIAL COMPANY OPERATIONS (NFA)	1	12
SWIFTWATER/FLOOD RESCUE TECHNICIAN	4	46
TACTICAL FIREGROUND SIMULATIONS	15	205
THE RULES HAVE CHANGED THE FIREFIGHTERS GUIDE TO LIGHTWEIGHT WOOD CONSTRUCTION	5	69
TRENCH RESCUE-AWARENESS LEVEL	3	32
TRUCK COMPANY OPERATIONS	10	133
WATER RESCUE-AWARENESS LEVEL	1	100
WATER SUPPLY OPERATIONS	4	22
<b>TOTAL</b>	<b>263</b>	<b>4,508</b>

APPENDIX M

OUT OF STATE TRAINING

Program Name	Program Description	Location	Number of Attendees
Firehouse Expo	Professional Conference	Baltimore, MD	58
EMS Today	Professional Conference	Las Vegas, NV	3
Various Classes	Command & Managemn	Baltimore, MD	4
Various-Classes	International HazMat Re	Baltimore, MD	6
NYS Weekend	NYS Weekend	Emittsburgh, MD	129
FDIC	Professional Conference	Indianapolis, IN	54
Various	Professional Conference	Various	45
		Total	299