

South Carolina Fire Academy Current Programs

As of April 1, 2021

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Course Code: 1123	Building Construction Awareness
Hours: 16	
*Cost: \$5	Prereqs: n/a
<p>Description: Building construction methods and materials have an enormous impact on fire behavior and firefighter safety. To extinguish a fire in a building effectively and safely, one must have a fundamental working knowledge in these areas. In this awareness level course, you will learn about various types of building construction, the importance of the fire resistance for structural support elements, and the risks associated with performing fire-suppression activities inside and around buildings involved in fire. This course is meant to try and bridge between what the Firefighter and Fire Officer learns in his or her entry level training to make them more aware and educated decision-makers in their organization both on and off the fireground.</p>	

Course Code: 1136	FLAMMABLE LIQUIDS AND GAS FIREFIGHTING
Hours: 8	
*Cost: \$32	Prereqs: 1121, 1152
<p>Description: This course is designed to be a basic course in flammable liquids/gas firefighting. Subjects include basic theory, foam application and valve manipulation, tactics and strategy. This course is ideal for students who have completed Firefighter I and desire to further their training.</p>	

Course Code: 1139	Firefighter Survival/RtR
Hours: 20	
*Cost: \$25	Prereqs: 1121, 1152
<p>Description: This course is designed to address issues impacting firefighter survival. Subjects include; case studies of historical incidents involving Mayday calls and LODDs, air management and impact of incident command. Skills include air management drills, self rescue and partner rescue scenarios.</p>	

Course Code: 1140	Rescuing Our Own (RIT)
Hours: 24	
*Cost: \$39	Prereqs: 1139
<p>Description: A course that allows students to apply knowledge and skills from course 1139 Firefighter Survival (RtR). The classroom portion covers legal aspects, events requiring RIC, personnel requirements, deployment consideration and command responsibilities. Tool and equipment considerations for RIC will also be covered. Practical evolutions will be scenario driven. Students are encouraged to bring any personal equipment they would normally carry as a member of a rapid intervention crew.</p>	

Course Code: 1152	FUNDAMENTALS OF FIRE FIGHTING
Hours: 113	
*Cost: \$5	Prereqs: n/a
<p>Description: This course is the first of three designed to take the student to the NFPA Firefighter I and Firefighter II level. Additional training may be required by the Authority Having Jurisdiction (AHJ) to meet the department's minimum requirements. Additional training is required to meet the NFPA Firefighter I and Firefighter II level. Subjects include: : fire behavior, fire extinguishers, personal protective equipment, SCBA, ladders, fire hose, fire streams, search and rescue, interior fire attack, and self-survival.</p>	

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Course Code: 1153	FIRE FIGHTER I
Hours: 43	
*Cost: \$5	Prereqs: 1152, 2728
Description: This course is designed to complete training to the NFPA 1001 Firefighter I level continuing from the Fundamentals of Firefighting (1152) course. Subjects include: building construction, ropes and knots, forcible entry, ventilation, water supply, salvage, overhaul, communications, fire prevention and community risk reduction. Students who successfully complete the course will receive an accredited certificate from IFSAC and an application for a ProBoard accredited certificate For NFPA 1001 Firefighter I.	

Course Code: 1154	FIRE FIGHTER II
Hours: 51	
*Cost: \$5	Prereqs: 1153, 3330
Description: This course is designed to take the student to NFPA 1001 Firefighter II level. Subjects include: incident management, building collapse and special rescue, hose tools and appliances, hydrant flow and operability, fire detection and alarm systems, fire cause, pre-incident planning, reports and communications, and coordinating fire attack. Students who successfully complete the course will receive an accredited certificate from IFSAC and an application for a ProBoard accredited certificate for NFPA 1001 Firefighter II.	

Course Code: 1156	FUNDAMENTALS/FFI COMBO
Hours: 140	
*Cost: \$5	Prereqs: 2728 or 1428
Description: This course combines 1152 Fundamentals of Firefighting and 1153 Firefighter I into one course. Students who do not pass FFI will not receive an 1152 Fundamentals credit or certificate.	

Course Code: 1161	SUPPORT COMPANY OPERATIONS
Hours: 16	
*Cost: \$25	Prereqs: 1153
Description: This course is designed to build upon the student's prior knowledge of fireground operations. Subjects include; enhanced fire behavior, LOVERS PLUS, support company size-up, personnel assignments and tools, as well as properly equipping your apparatus and crew. Classroom and field exercises provide firefighters and incident commanders with the knowledge, tactics and support skills that when combined with suppression provide a more efficient and safer emergency scene. Students who successfully complete this course receive a SCFA certificate.	

Course Code: 1178	Responding to Electrical Emergencies
Hours: 4	
*Cost: \$5	Prereqs: n/a
Description: Responding to Electrical Emergencies (RTEE) training program provides all first responders with practical knowledge of awareness, recognition, hazard assessment, risk evaluation and safe emergency response procedures for responding to electrical emergencies. The textbook provides a basic understanding of electricity for responders along with safe response options. Responding to Electrical Emergencies helps emergency	

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responders, community officials, and the electrical companies work together to prevent and effectively respond to an incident involving electricity.

Course Code: 1181	WILDLAND FIRE TRAINING FOR STRUCTURAL FIREFIGHTERS
Hours: 16	
*Cost: \$5	Prereqs: 1152
Description: This course provides the structural firefighter with the basic knowledge and understanding of hazards associated with Wildland firefighting and the cooperative efforts and assistance the South Carolina Forestry Commission (SCFC) will provide once on scene. The course will cover working safely with the SCFC, the basics of wildland fire, weather, and hose lays, LCES, watch-out situations, suppression, and mop up operations in the Wildland environment.	

Course Code: 1182	WILDLAND URBAN INTERFACE STRUCTURE PROTECTION
Hours: 8	
*Cost: \$5	Prereqs: 1152
Description: This course provides a structural firefighter with the additional knowledge and concept of structure triage in the Wildland Urban Interface. Structure triage and the process as it pertains to pre-incident and incident planning are foundations of the course. From presentations of real world events, each student will evaluate and triage communities of homes located in the Wildland environment. Topics of discussion: Rural and urban water supply, access roads and security measures for Wildland vacation community homes, landscaping and land management. The use of foam and foam gels in structure protection is also addressed.	

Course Code: 1205	Emergency Vehicle Response Awareness
Hours: 4	
*Cost: \$5	Prereqs: n/a
Description: This course provides the necessary knowledge to safely operate emergency response vehicles to an emergency scene. This includes department staff, support, and privately owned vehicles. Topics of interest include: line of duty deaths, injury statistics related to emergency response, safety and risk control, and S.C. laws and regulations governing vehicles, and drivers of emergency response vehicles. Included in the student manual is a VFIS personal vehicle safety checklist.	

Course Code: 1210	EMERGENCY VEHICLE DRIVER TRAINING
Hours: 40	
*Cost: \$5	Prereqs: Valid South Carolina Drivers License, Class D or higher
Description: This course is designed to meet requirements of NFPA 1002: Standard for Fire Apparatus Driver/Operator, Chapter 4. Subjects include; how South Carolina state laws affect emergency vehicle operations, vehicle inspections, vehicle maintenance and the physical limitations and abilities of fire apparatus. This includes vehicle operations and driving in tight tolerance driving maneuvers. Successful students will receive a SCFA certificate and have the option to take the Challenge exam for NFPA 1002; Standard for Fire Apparatus Driver/Operator, Chapter 4.	

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Course Code: 1211	CLASS E DRIVER EXAMINATION
Hours: 8	
*Cost: \$15	Prereqs: n/a
Description: This course is the SCDMV Class E road test licensing evaluation. Meets the skill 3.5 over the road requirements to challenge Emergency Driver Operator Chapter 4 accredited exam.	

Course Code: 1220	PUMP OPERATIONS I
Hours: 40	
*Cost: \$5	Prereqs: 1210
Description: This course is designed to provide the skills necessary to meet the NFPA 1002: Standard for Fire Department Vehicle Driver/Operator, Chapter 5. Subjects include water and water supply, hose and nozzle flow rates, fire ground and theoretical hydraulic calculations, fire pump theory, and operating apparatus pumps at pressurized, relay pumping and static water sources. Students will participate in classroom and practical skill activities consisting of pump orientation and pump operations, to include single and multiple hose line evolutions at both pressurized and static water sources. Students are encouraged to bring a calculator. Successful students will receive a SCFA certificate and those with FFI have the option to take the Challenge certification exam for NFPA 1002; Standard for Fire Department Vehicle Driver/Operator, Chapter 5.	

Course Code: 1221	Pump Operations II MWS
Hours: 16	
*Cost: \$5	Prereqs: 1210, 1220
Description: This course is designed to provide the skills necessary to meet NFPA 1002: Standard for Fire Department Vehicle Driver/Operator, Chapter 10. It addresses the movement of water in a suburban/rural environment using water supplies that may be available to the driver operator such as water points, draft sites, rivers, creeks and swimming pools. Subjects include the components of a water shuttle operation, to include dump and fill site operations. The class will perform multiple water shuttle operations. Successful students will receive a SCFA certificate and have the option to take the Challenge accredited exam for NFPA 1002; Standard for Fire Department Vehicle Driver/Operator, Chapter 10. Pump Operations I is not required to Challenge Mobile Water Supply accredited exam.	

Course Code: 1225	FIRE DEPARTMENT PUMPER TESTING
Hours: 16	
*Cost: \$5	Prereqs: 1220
Description: This course trains the student in various pumper tests recommended by NFPA. Upon completion, the student will be familiar with the history of pumper testing, the current types of tests, calculations needed to properly conduct any of these tests, and the required equipment for conducting the tests. Hands-on skill development in actual pumper testing is included in this course.	

Course Code: 1250	AERIAL OPERATIONS
Hours: 24	
*Cost: \$5	Prereqs: 1210

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Description: This course is designed to provide the skills necessary to meet NFPA 1002: Standard for Fire Department Vehicle Driver/Operator, Chapter 6. Through class and practical activities, students are prepared for enhanced aerial device operation. Subjects include; aerial types and construction, apparatus positioning and strategies and tactics of operation. Maintenance and testing of aerials will also be covered. Successful students will receive a SCFA certificate and those with FFI have the option to take the Challenge certification exam for NFPA 1002; Standard for Fire Department Vehicle Driver/Operator, Chapter 6.

Course Code: 1402	Hybrid NFPA FIRE FIGHTER I
Hours: 96	
*Cost: \$5	Prereqs: 2728 or 1428
<p>Description: This course is designed to complete training to the NFPA 1001 Firefighter I level, using online and traditional instructional methods. Subjects includes: fire behavior, fire extinguishers, personal protective equipment, SCBA, ladders, fire hose, fire streams, search and rescue, interior fire attack and self-survival as well as building construction, ropes and knots, forcible entry, ventilation, water supply, salvage, overhaul, communications, fire prevention and community risk reduction. Lecture portions of the course are completed online. Some face-to-face meetings may be scheduled at the discretion of the instructor. Practical skills will require face-to-face meetings. This course includes 1152 – Fundamentals of Firefighting, and 1153 – Firefighter I. Students who successfully complete the course will receive an accredited certificate from IFSAC and an application for a ProBoard accredited certificate for NFPA 1001 Firefighter I.</p>	

Course Code: 1403	Hybrid NFPA FIRE FIGHTER II
Hours: 60	
*Cost: \$5	Prereqs: 1402 and 3330
<p>Description: This hybrid course is designed to take the student to NFPA 1001 Firefighter II level. Subjects include: incident management, building collapse and special rescue, hose tools and appliances, hydrant flow and operability, fire detection and alarm systems, fire cause, pre-incident planning, reports and communications, and coordinating fire attack. Students who successfully complete the course will receive an accredited certificate from IFSAC and an application for a ProBoard accredited certificate for NFPA 1001 Firefighter II. Portions of the class will be completed online, under the guidance of an instructor, to include traditional classroom sessions and the completion of skills.</p>	

Course Code: 1427	ONLINE HAZARDOUS MATERIALS AWARENESS LEVEL
Hours: 8	
*Cost: \$5	Prereqs: n/a
<p>Description: This online course is designed to provide untrained personnel with a basic understanding of hazardous materials. The course follows NFPA 1072, Standard for Competence of Responders to Hazardous Materials/Weapons of Mass Destruction Incidents competencies. This course provides the student with the knowledge needed to protect firefighters, and others, at hazardous materials incidents. Subjects include introduction to hazardous materials, hazardous materials identification, managing the incident, personal protective clothing, terrorist, and other criminal activities. Successful students receive a SCFA certificate and are eligible to take the HMA level accredited exam.</p>	

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Course Code: 1428	HAZARDOUS MATERIALS OPERATIONS (HYBRID) ONLINE
Hours: 32	
*Cost: \$5	Prereqs: 1427
<p>Description: This hybrid course is designed to train the student to the level of NFPA 1072 chapter 5 core competencies for operations level and 6.2 and 6.6 mission specific competencies required by NFPA 1001 for Firefighter I. Subjects include; introduction to properties and hazards of hazardous materials, identification, incident management elements, strategic goals and tactical objectives, personal protective equipment, contamination and decontamination, incident specific strategies and tactics and terrorist and other criminal activities. This course consists of classroom lectures, activities and hands-on practical skills. This course meets all objectives of NFPA 1072, chapter 5 core competencies for operations level and 6.2 and 6.6 mission specific competencies required by NFPA 1001 for Firefighter I. Students who successfully complete the course will receive a SCFA certificate and be eligible to take the accredited level Challenge exam for HMO.</p>	

Course Code: 1803	SICK/NOT SICK
Hours: 6	
*Cost: \$50	Prereqs: n/a
<p>Description: Sick Not Sick is part of the AAOS EMS Continuing Education Series. Designed to help EMS providers develop rapid patient assessment skills, this program distills years of field experience into a workable formula that both inexperienced and experienced providers can use in the field. It teaches providers how to quickly collect information to immediately offer initial care based upon his or her observations</p>	

Course Code: 1806	ASHI BLOOD BORNE PATHOGENS
Hours: 1	
*Cost: \$25	Prereqs: n/a
<p>Description: ASHI Bloodborne Pathogens program includes information that will help students understand what bloodborne pathogens are and how risks of exposure can be reduced for themselves and others. The program assists in satisfying the training requirements of the U.S. Department of Labor, OSHA Bloodborne Pathogens Standard (29 CFR 1910.1030).</p>	

Course Code: 1811	EMERGENCY MEDICAL RESPONSE RENEWAL
Hours: 16	
*Cost: \$50	Prereqs: ASHI EMR or NR EMR
<p>Description: This course is a review of the key information provided in the 60 hour course. Students must demonstrate competent performance of all NREMT EMR skills and achieve a score on the written exam of at least 70%. This course meets the guidelines set forth by the National Registry of EMTs. As a pre-requisite students must provide evidence of a current ASHI or NREMT EMR certification.</p>	

Course Code: 1820	EMT BASIC
Hours: 240	
*Cost: \$850, \$1050, \$1250	Prereqs: n/a
<p>Description: This course is designed to complete training to the standard required by both NREMT and South Carolina DHEC for EMT-Basic. Subjects include: Patient Assessment, Airway Management, Medical Emergencies,</p>	

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Trauma Emergencies, Infants and Children, and EMS Operations. Students who successfully complete the course will be eligible to sit for the NREMT Cognitive exam for EMT-Basic.

Course Code: 1822	REDUCTION OF OPIOID LOSS OF LIFE (ROLL) PRACTITIONER
Hours: 2	
*Cost: \$0	Prereqs: n/a
<p>Description: This course is offered in conjunction with SC DHEC Bureau of EMS to provide training to South Carolina Fire Departments. It focuses on the identification, treatment, and reporting of drug overdoses attributed to opioids, such as heroin and narcotic pharmaceutical drugs. This course is required prior to Fire Department participation in the SC DHEC Bureau of EMS Reduction of Opioid Loss of Life (ROLL) Program. Students must successfully complete the course to be eligible to administer Narcan through an affiliated SC DHEC participating ROLL Program Fire Department.</p>	

Course Code: 1823	BLEEDING CONTROL BASICS
Hours: 1	
*Cost: \$0	Prereqs: n/a
<p>Description: Created through an initiative of the American College of Surgeons and the Hartford Consensus, this course provides comprehensive and sustainable bleeding control education and information to reduce deaths caused from bleeding. Stop the Bleed® is designed for individuals with little or no medical training. Individuals will receive basic training in bleeding control principles to recognize life threatening bleeding and quickly stop the bleed through tourniquet usage and wound packing.</p>	

Course Code: 1824	ASHI BASIC LIFE SUPPORT (BLS)
Hours: 6	
*Cost: \$5	Prereqs: n/a
<p>Description: During this 6 hour course, students learn how to recognize a life-threatening emergency, how to provide basic life support and what to do in case of an airway obstruction or choking. Formerly known as ASHI's CPR Pro for the Professional Rescuer, ASHI's Basic Life Support has been approved for training for Emergency Medical Services personnel and is accepted by the National Registry of Emergency Medical Technicians (NREMT).</p>	

Course Code: 1825	ASHI CPR/AED ALL AGES
Hours: 4	
*Cost: \$25	Prereqs: n/a
<p>Description: This 4 hour course is intended for individuals that are not healthcare providers or professional rescuers and desire, or are occupationally required, to be trained in Adult, Child, and Infant CPR and AED. Core lessons will include, at a minimum, content on the removal of contaminated gloves, primary assessment for an unresponsive person, high-quality chest compressions and rescue breaths using a CPR mask or shield and use of an AED as a single provider.</p>	

Course Code: 1827	EMR
Hours: 60	
*Cost: \$150	Prereqs: n/a

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Description: The primary focus of the Emergency Medical Responder course is to prepare students to initiate immediate lifesaving care to critical patients who access the emergency medical system. Successful students will possess the basic knowledge and skills necessary to provide lifesaving interventions while awaiting additional EMS response and to assist higher level personnel at the scene and during transport. Emergency Medical Responders function as part of a comprehensive EMS response, under medical oversight. Emergency Medical Responders perform basic interventions with minimal equipment. This 60 hour course exceeds guidelines published by the National Highway Traffic Safety Administration (NHSTA). Successful students will receive certification from the South Carolina Fire Academy and the American Safety and Health Institute. Successful completion of this course requires adherence to course policies. Students must have an average of 70% after all in-course exams have been completed in order to continue. Students must score a 70% or greater on the ASHI BLS exam to continue. A minimum score of 70% on the final examination and the successful demonstration of all required skills is necessary for successful course completion. Successful students will be eligible to sit for the National Registry of EMT's EMR level exam.

Course Code: 1828	Prehospital Trauma Life Support (PHTLS)
Hours: 16	
*Cost: \$25	Prereqs: EMT, AEMT, NRP
Description: Prehospital Trauma Life Support (PHTLS) was developed by the National Association of Emergency Medical Technicians' (NAEMT) in cooperation with the American College of Surgeons' Committee on Trauma to promote excellence in trauma patient management by all providers involved in the delivery of prehospital care. The 16-hour course will address topics on physiology of life and death, scene assessment, patient assessment, airway, breathing, ventilation and oxygenation, circulation, hemorrhage and shock, patients with disabilities, & patient simulations.	

Course Code: 1829	Tactical Emergency Casualty Care (TECC)
Hours: 16	
*Cost: \$25	Prereqs: n/a
Description: Tactical Emergency Casualty Care (TECC) is a National Association of Emergency Medical Technicians' (NAEMT) course that teaches EMS practitioners and other prehospital providers how to respond to and care for patients in a civilian tactical environment. This 16-hour course includes topics on hemorrhage control, the MARCH assessment, surgical airway control and needle decompression, strategies for treating wounded responders in threatening environments, caring for pediatric patients, techniques for dragging and carrying victims to safety, & a final, mass-casualty/active shooter event simulation. NAEMT's TECC course is endorsed by the American College of Surgeons Committee on Trauma, is consistent with the current guidelines established by the Committee on TECC (Co-TECC), and meets all of the updated National Tactical Emergency Medical Support Competency Domains.	

Course Code: 1830	ADVANCED MEDICAL LIFE SUPPORT
Hours: 16	
*Cost: \$25	Prereqs: EMT, AEMT, NRP
Description: Advanced Medical Life Support (AMLS) is a National Association of Emergency Medical Technicians' (NAEMT) course that emphasizes the use of scene size-up, history, interactive group discussion on potential treatment strategies, and physical exam to systematically rule out and consider possibilities and probabilities in treating patients' medical crises. In this 16-hour course, students learn to recognize and manage common medical	

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crises through realistic case-based scenarios that challenge students to apply their knowledge to highly critical patients. Additional information on the AMLS course can be found at naemt.org.

Course Code: 1835	EMT REFRESHER
Hours: 24	
*Cost: \$45	Prereqs: EMT
<p>Description: Upon successful completion of Emergency Medical Technician (EMT) Refresher Session 1, 2, and 3, students will receive a South Carolina Fire Academy Certificate of completion transcript credit for an EMT Refresher course. This course is designed to complete training to the standard required by both NREMT and South Carolina DHEC for EMT. Subjects include: Patient Assessment, Airway Management, Medical Emergencies, Trauma Emergencies, Infants and Children, and EMS Operations. Lapsed National Registry EMT providers who successfully complete this course will be eligible to apply for the NREMT Cognitive & Psychomotor exam for EMT.</p>	

Course Code: 1836	ASHI Basic First Aid
Hours: 3	
*Cost: \$15	Prereqs: n/a
<p>Description: This 3 hour ASHI Basic First Aid course was created to help students develop basic first aid knowledge, skills, and the confidence to respond. The program is consistent with recommendations of the 2010 National First Aid Science Advisory Board and OSHA's best practices for first aid training programs in the workplace.</p>	

Course Code: 1842	PHTLS for First Responders
Hours: 8	
*Cost: \$15	Prereqs: n/a
<p>Description: PHTLS for First Responders (PHTLS-FR) is an 8-hour classroom course that takes the world-class trauma care content from the 9th edition of PHTLS and delivers it in a style that is relevant to and accessible by first responders, including emergency medical responders (EMR), firefighters, rescue personnel and law enforcement officers. Covering life-saving interventions such as hemorrhage control and airway management, this course teaches critical trauma concepts, demonstrates skills, and walks students through potential patient scenarios.</p>	

Course Code: 2100	Fire Officer I
Hours: 40	
*Cost: \$40 on campus, \$5 in regions	Prereqs: 1154, 4171, recommend 2146
<p>Description: This course is designed to take the student to the NFPA 1021 Fire Officer 1 level. The class consists of instructor presentations, class discussions and interactive learning activities to prepare the student for the fire officer position within their department. Subjects include: Supervising personnel, assigning tasks, solving personnel performance problems, applying department policies, working with the local community, ensuring firefighter safety, fire and life safety inspections, performing typical company officer administrative functions are addressed in the program. Out-of-class reading and assignments will be necessary to complete the course. Students who successfully complete the course will receive an accredited certificate from IFSAC and an application for a ProBoard accredited certificate for NFPA 1021 Fire Officer I.</p>	

Course Code: 2101	FIRE OFFICER I -Hybrid
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Hours: 40	
*Cost: \$5 in regions	Prereqs: 1154, 4171, recommend 2146
<p>Description: This course is designed to take the student to NFPA 1021 Fire Officer 1 level. The class consists of online modules, activities, discussion post, and textbook reading assignments. Students are required to attend two face-to-face classroom sessions. Practical skills and the written examination will take place at the second meeting. Subjects include: Supervising personnel, assigning tasks, solving personnel performance problems, applying department policies, working with the local community, ensuring firefighter safety, fire and life safety inspections, performing typical company officer administrative functions are addressed in the program. Students who successfully complete the course will receive an accredited certificate from IFSAC and an application for a ProBoard accredited certificate for NFPA 1021 Fire Officer I.</p>	

Course Code: 2102	Fire Officer II
Hours: 32	
*Cost: \$33 on campus, \$5 in regions	Prereqs: 2100 2147 2137 2153
<p>Description: This course is designed to take the student to NFPA 1021 Firefighter Officer II level. The class is largely discussion based with group activities. Subjects include: human resource management, forms of governments, interagency and intergovernmental cooperation, analyses, evaluations and statistics, management, administrative responsibilities, fire and safety inspections, fire investigations, multi-unit emergency scene operations, post-incident analysis and critiques, as well as safety investigations and analyses. Extensive out-of-class assignments and reading will be necessary to complete this course. Students who successfully complete the course will receive an accredited certificate from IFSAC and an application for a ProBoard accredited certificate for NFPA 1021 Fire Officer II.</p>	

Course Code: 2103	Fire Officer III
Hours: 72	
*Cost: \$25	Prereqs: 1154, 4171, 2102
<p>Description: This course is designed to take the student to the NFPA 1021 Fire Officer III level. Students will complete activities and develop a final in-class presentation. Subjects covered include personnel staffing, hiring, promotions, professional development, member benefits, employee accommodations, development of training programs, community risk reduction, preparation of budgets, budget management, purchasing processes, information management systems, data analysis, organizational improvement, evaluation of inspection programs, development of a safety plan, incident mitigation planning, conducting a post-incident analysis, planning for special resources, accident and injury prevention, and fire service integration in emergency management. There are no tests, but there is a substantial amount of reading, research, completion of activities and planning outside of class. Satisfactory completion of 16 activities and associated presentations, including extensive work in groups, determines the student's success. Students who pass the course will receive an accredited certificate from IFSAC and an application for a ProBoard accredited certificate for NFPA 1021 Fire Officer III.</p>	

Course Code: 2118	PREPARATION FOR INITIAL COMPANY OPERATIONS
Hours: 16	
*Cost: \$5	Prereqs: Recommended: Incident Command System (ICS)-100-level and ICS-200-level training. Preferred

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	courses are Q0462 and Q0463, available through NFA Online.
Description: This NFA two-day course is designed to develop a better understanding of the role and responsibilities of Company Officers (COs) in preparing their company for incident operations and to clarify the transition from firefighter to CO and the new roles relating to leadership and safety. This course is designed for COs, acting COs, or senior firefighters responsible for the management of a single fire company at an emergency incident, including those officers who are responsible for company readiness, personnel safety, and leadership as it relates to company operation.	

Course Code: 2119	STRATEGY AND TACTICS FOR INITIAL COMPANY OPS
Hours: 16	
*Cost: \$5	Prereqs: Recommended: Incident Command System (ICS)-100-level and ICS-200-level training. Preferred courses are Q0462 and Q0463, available through NFA Online.
Description: This two-day NFA course is designed to meet the needs of Company Officers (COs) responsible for managing the operations of one or more companies during structural firefighting operations. This course is designed to develop the management skills needed by COs to accomplish assigned tactics at structure fires.	

Course Code: 2121	DECISION MAKING FOR INITIAL COMPANY OPS
Hours: 16	
*Cost: \$5	Prereqs: Recommended: Incident Command System (ICS)-100-level and ICS-200-level training. Preferred courses are Q0462 and Q0463, available through NFA Online.
Description: This two-day NFA course is designed to develop the decision-making skills needed by Company Officers (COs) to accomplish assigned tactics at structure fires. All activities and scenarios used in this course are based on structure fires. With the real possibility of being the first to arrive at an incident, the CO's initial decisions will have an impact throughout the entire incident. It is vital that COs be able to make good management decisions that have a favorable impact on the eventual outcome. In addition to a possible role as the initial Incident Commander, the CO may well be assigned a subordinate position within the Incident Command System organization. COs need to have a clear understanding of the system, the position that they are assigned to, and their role in the organization if they are to function effectively and help make the system work.	

Course Code: 2123	WILDLAND URBAN INTERFACE FIREFIGHTING FOR STRUCTURAL CO
Hours: 16	
*Cost: \$0	Prereqs: Recommended: Incident Command System (ICS)-100-level and ICS-200-level training. Preferred courses are Q0462 and Q0463, available through NFA Online.
Description: This 2-day course identifies operational activities and safety concerns for structural company officers assigned to a Wildland/Wildland Urban Interface incident. Topics covered include Introduction to	

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Wildland/Wildland Urban Interface firefighting, interface environment, wildland fire behavior, command and control issues of wildland/urban interface firefighting, and tactics.

Course Code: 2133	Building Construction for Company Officers
Hours: 40	
*Cost: \$25	Prereqs: 2130 OR 2132 OR 1123 OR 7744, FFII
Description: This course covers the aspects of building construction that firefighters and officers need to evaluate buildings for potential hazards. Subjects include the 5 types of construction and fire codes that relate to them. Fire protection features and the various materials used in construction. Newer green construction is discussed, as well as building collapses.	

Course Code: 2144	INCIDENT COMMAND FOR HIGH-RISE OPERATIONS
Hours: 16	
*Cost: \$25	Prereqs: Recommended: Incident Command System (ICS)-100-level and ICS-200-level training. Preferred courses are Q0462 and Q0463, available through NFA Online
Description: This two-day course is designed to assist emergency response officers who have responsibility for managing highrise incidents. Course content includes organizing resources, developing strategies, and managing tactical operations to protect life and to minimize damage during an incident. Students attending should have: Working knowledge of basic Incident Command System organization. Working knowledge of strategy and tactics for structural firefighting. Knowledge of building construction. Understanding of the type of building systems existing in highrise buildings.	

Course Code: 2145	I. C. FOR STRUCTURAL COLLAPSE INCIDENTS
Hours: 16	
*Cost: \$25	Prereqs: Recommended: Incident Command System (ICS)-100-level and ICS-200-level training. Preferred courses are Q0462 and Q0463, available through NFA Online
Description: This two-day NFA course is designed to provide fire officers with an understanding of command operations at structural collapse incidents. Students completing this course will be able to: Describe the aspects of a structural collapse. Explain basic command procedures and Incident Command System (ICS) organizational structure. Identify various resource levels, types and capabilities used for structural collapse incidents. Identify critical factors and issues that affect scene management. Describe all unique operational considerations used at a structural collapse incident. Describe all response operations phases associated with a structural collapse incident. Describe the technical rescue expertise and equipment required for safe operations and effective incident management.	

Course Code: 2146	INCIDENT COMMAND SYSTEM & RESOURCE MANAGEMENT FOR THE FS
Hours: 16	

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*Cost: \$5	Prereqs: Recommended: Incident Command System (ICS)-100-level and ICS-200-level training. Preferred courses are Q0462 and Q0463, available through NFA Online
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Description: This NFA program provides students with an understanding of the Incident Command System (ICS) and Resource Management for the Fire Service and their application in emergency and nonemergency situations. This course addresses the need for an ICS, an overview of the structure and flexibility of ICS, and an understanding of the command skills necessary to function effectively in an ICS structure and the need to effectively manage your resources.

Course Code: 2149	Introduction to Unified Command for All-Hazard Incidents
Hours: 16	
*Cost: \$25	Prereqs: n/a

Description: This two-day course is designed to provide Company Officers (COs) with a better understanding of multiagency needs and a Unified Command structure. The attendees will gain an understanding of the requirements of a Unified Command organization and provide learners with the knowledge and skills necessary to operate effectively in complex incidents.

Course Code: 2150	INCIDENT SAFETY OFFICER
Hours: 16	
*Cost: \$5	Prereqs: Recommended: Incident Command System (ICS)-100-level and ICS-200-level training. Preferred courses are Q0462 and Q0463, available through NFA Online.

Description: This NFA course is designed to teach students how to identify and analyze safety concerns as they relate to all-hazards scene evaluation and communicate recommended solutions to the command authority. This course examines the safety officer's role at emergency response situations. A specific focus is on operations within an incident command system as a safety officer.

Course Code: 2152	COMMAND & GENERAL STAFF FUNCTIONS FOR LOCAL INCIDENT MGMTMENT
Hours: 48	
*Cost: \$60	Prereqs: 2137 or 2147 or 2146 and 700 and 800 or • 100 and 200 and 700 and 800

Description: This NFA course presents training to a designated team of fire, Emergency Medical Services, public works, public health, law enforcement, and other agencies as necessary. While typically from a larger and generally more populated area with a single jurisdiction (city, county or region), the team may be comprised of members from several jurisdictions to fill all billets. They would be activated to manage an incident requiring a significant number of local and mutual-aid resources. The course is intended to be delivered as "team training" to an entire local Incident Management Team. The aspects associated with training as a team are critical for effective coordination and decision-making under high-stress, dynamic situations such as those during emergency

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incidents. It is understood, however, that there are occasions where all team members may not be able to train together and occasions when new/additional team members need to receive training.

Course Code: 2153	I-300 - INTERMEDIATE ICS
Hours: 20	
*Cost: \$25	Prereqs: 2137 or 2147 or 2146 and 700 and 800 or 100 and 200 and 700 and 800
Description: This NFA course is designed for emergency response personnel who may function in a Command or General Staff position during a large, complex incident or event. It is also for those personnel who are, or would likely be, part of a local or regional Incident Management Team during a major incident, whether single agency, multi-agency, or Unified Command. Prerequisites are 100, 200, 700 and 800- all available as free online courses.	

Course Code: 2154	I-400 - ADVANCED ICS
Hours: 16	
*Cost: \$5	Prereqs: 2153
Description: This NFA course is designed for emergency response personnel who may function as part of an Area Command, EOC, or MAC during a large, complex incident or event. It is also for personnel who are, or would likely be, part of a local or regional Incident Management Team during a major incident, whether single agency, multi-agency, or Unified Command.	

Course Code: 2158	The New Fire Chief I: Challenging Issues
Hours: 16	
*Cost: \$25	Prereqs: Incident Command System (ICS)-100-level and ICS-200-level training. Preferred courses are Q0462 and Q0463, available through NFA Online.
Description: This NFA course is designed to develop the managerial, administrative and leadership skills necessary for the time fire chief and chief officer who desire a leadership position in their department. This course addresses critical knowledge and skills pertaining to the responsibilities of a fire chief including such topics as local politics and the role of the chief officer, liability and risk management, resources and items of knowledge needed to become a first time leader in a new agency position.	

Course Code: 2159	Politics and the White Helmet
Hours: 16	
*Cost: \$5	Prereqs: n/a
Description: This NFA course is aimed at providing chief officers in fire service and EMS agencies with an overview of the ways to succeed and work within the local, county, and state level political system to achieve positive results for their department. It will also provide the officer an improved insight into better ways to relate and speak to citizens, and others, to gain support and understanding of their needs for bond issues, tax votes, and general elections. Participants learn about successful approaches appropriate for government employees and volunteers. The course identifies successful tools needed to address the challenge necessary to bring about change, and how a department's culture of power, influence, negotiation, and coalition building is important to success.	

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Course Code: 2160	The New Fire Chief 2: Administrative Issues
Hours: 16	
*Cost: \$5	Prereqs: Incident Command System (ICS)-100-level and ICS-200-level training. Preferred courses are Q0462 and Q0463, available through NFA Online.
<p>Description: This NFA course is designed to provide students the managerial, administrative, leadership skills, and awareness necessary for newly or recently appointed or elected chiefs to effectively meet their obligations of the position. The primary audience of this course is the newly appointed fire chief in volunteer, combination or career departments as well as Emergency Medical Services (EMS) chiefs. The secondary audience is department leaders and current officers who may become fire chiefs and local government administrators and elected officials who are involved in the administration of a fire department or EMS service.</p>	
Course Code: 2176	Shaping the Future
Hours: 16	
*Cost: \$25	Prereqs: Incident Command System (ICS)-100-level and ICS-200-level training. Preferred courses are Q0462 and Q0463, available through NFA Online.
<p>Description: This NFA two-day course is designed to assist first- and second-level supervisors and Company Officers (COs) in developing knowledge and skills in contemporary approaches to organizational problem-solving. Topics include: Use of creative approaches to identifying trends within their organizations. Applying problem-solving methodologies. The importance and application of continuous improvement within organizations. How to quantify problems and solutions. Factors in organizational and individual resistance to change. Strategies for implementing change. The course incorporates facilitated, student-centered methodologies, including lecture, small and large group activities, and individual assessments.</p>	
Course Code: 2182	New Fire Chief III: Contemporary Issues
Hours: 16	
*Cost: \$5	Prereqs: Incident Command System (ICS)-100-level and ICS-200-level training. Preferred courses are Q0462 and Q0463, available through NFA Online.
<p>Description: This NFA course is designed to develop the managerial skills, leadership skills, contemporary issues, and awareness necessary for newly appointed or elected fire chiefs to effectively meet their obligations. The course will help to develop knowledge, skills, and attitudes necessary for them to perform effectively now and in the future. The primary audience is newly appointed or elected fire chiefs in volunteer, combination, or career departments. The secondary audience is departmental leaders who may become fire chiefs and local level government administrators and elected officials, including fire district commissioners, board members, etc.</p>	
Course Code: 2189	Command & Control of WUI Fire Ops for the Structural CO
Hours: 16	
*Cost: \$25	Prereqs: n/a
<p>Description: The two day course is designed for the Chief or Company Officer who may have command responsibility for multiple resources at the scene of a Wildland Urban Interface. The course provides students</p>	

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with essential knowledge in evaluating wildland fire behavior, sizing up the incident to develop a strategic plan, implementing strategies and tactics, and establishing the command structure for a wildland urban interface fire.

Course Code: 2192	YOUTH FIRESETTER INTERVENTION SPECIALIST
Hours: 16	
*Cost: \$25	Prereqs: Incident Command System (ICS)-100-level and ICS-200-level training. Preferred courses are Q0462 and Q0463, available through NFA Online.
<p>Description: This two-day NFA course is based on requirements of National Fire Protection Association (NFPA) 1035, Standard on Fire and Life Safety Educator, Public Information Officer, Youth Firesetter Intervention Specialist and Youth Firesetter Program Manager Professional Qualifications. This course provides students with a broad understanding of the knowledge, skills and abilities that the Youth Firesetter Intervention Specialist should have as requirements of NFPA Standard 1035 pertaining to youth firesetting. This course is for the practitioner who provides services at the program delivery level. This course covers the following: Review of NFPA 1035 for Youth Firesetter Intervention Specialist. The extent of the youth firesetting problem and justification for local youth firesetting prevention and intervention program. Examination of the typologies of firesetting and the motivation behind firesetting behaviors. Identification, intake, screening, disposition and follow-up.</p>	

Course Code: 2193	YOUTH FIRESETTER INTERVENTION MANAGER
Hours: 16	
*Cost: \$25	Prereqs: Incident Command System (ICS)-100-level and ICS-200-level training. Preferred courses are Q0462 and Q0463, available through NFA Online.
<p>Description: This two-day NFA course is based on the requirements of National Fire Protection Association (NFPA) 1035, Standard on Fire and Life Safety Educator, Public Information Officer, Youth Firesetter Intervention Specialist and Youth Firesetter Program Manager Professional Qualifications, pertaining to the Youth Firesetting Prevention and Intervention — Level 2. The course is designed for the person who is responsible or will be responsible for leading a youth firesetting prevention and intervention program. This course covers the following: Review of NFPA 1035 for Youth Firesetting Intervention Specialist — Level 2. Leading a youth firesetting prevention and intervention program.</p>	

Course Code: 2194	LEADERSHIP IN SUPERVISION
Hours: 48	
*Cost: \$5	Prereqs: Incident Command System (ICS)-100-level and ICS-200-level training. Preferred courses are Q0462 and Q0463, available through NFA Online.
<p>Description: This six day NFA class presents the fire and EMS supervisor with the basic leadership skills and tools needed to perform effectively in the fire and EMS environment, to successfully transition to supervisory and leadership roles, and establish a conceptual foundation and framework for success in leadership roles by exploring creative, analytical, political and critical thinking perspectives. Topics in the course include adaptive leadership, change management, active followership, effective communication including difficult conversations, advocacy-inquiry based dialogue and persuasion, ethics, authority, power, decision-making, assessing situations from multiple perspectives, fostering creativity and innovation, professionalism, resilience, emotional intelligence,</p>	

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situational awareness, managing conflict, delegating, mentoring, coaching, empowerment, and building collaboration and synergy for professional growth. The course includes the development of a personal plan for active engagement in the provision of leadership in supervision.

Course Code: 2197	Leadership Supervision: Creating Environ for Professional Gr
Hours: 16	
*Cost: \$25	Prereqs: Incident Command System (ICS)-100-level and ICS-200-level training. Preferred courses are Q0462 and Q0463, available through NFA Online.
Description: This two-day NFA course presents the supervisor with the basic leadership skills and tools needed to perform effectively in the fire service environment. The course includes concepts related to a successful transition to supervisory and leadership roles, including concepts of adaptive leadership; change management; active followership; effective communication, including difficult conversations and advocacy-inquiry based dialogue; ethics; authority; power; decision-making; and active engagement through development of a personal plan.	

Course Code: 2198	LEADERSHIP IN SUPERVISION: PERSPECTIVES IN THINKING
Hours: 16	
*Cost: \$25	Prereqs: Incident Command System (ICS)-100-level and ICS-200-level training. Preferred courses are Q0462 and Q0463, available through NFA Online.
Description: This two-day course provides the supervisor with the conceptual foundation and framework for success in leadership roles by exploring creative, analytical, political and critical thinking perspectives. The course addresses skills needed for assessing situations from multiple perspectives, making critical decisions, fostering creativity and innovation, and using persuasion.	

Course Code: 2199	LEADERSHIP IN SUPERVISION: FRAMEWORKS TO SUCCESS
Hours: 16	
*Cost: \$39 on campus, \$25 in regions	Prereqs: Incident Command System (ICS)-100-level and ICS-200-level training. Preferred courses are Q0462 and Q0463, available through NFA Online.
Description: NFA course This two-day course provides the supervisor with the conceptual foundation and framework for success in leadership roles by exploring creative, analytical, political and critical thinking perspectives. The course addresses skills needed for assessing situations from multiple perspectives, making critical decisions, fostering creativity and innovation, and using persuasion.	

Course Code: 2201	HEALTH SAFETY PROGRAM MANAGER
Hours: 16	
*Cost: \$25	Prereqs: Incident Command System (ICS)-100-level and ICS-200-level training. Preferred courses are Q0462 and Q0463, available through NFA Online.

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Description: This two-day NFA course will provide fire, Emergency Medical Services department personnel and other related emergency responders with the aptitudes and abilities necessary to manage the duties and responsibilities of the Health and Safety Program Manager (HSPM) within their respective organizations.

Course Code: 2709	PIPELINE AWARENESS
Hours: 4	
*Cost: \$5	Prereqs: n/a
Description: This course gives the responder the information on what purposes a pipeline serves, where pipelines may be located in their community, how to identify a pipeline right of way, how to read and interpret pipeline markers, and the important role the Pipe Line Control Center plays in a pipeline emergency.	

Course Code: 2719	HAZ-MAT TECH REFRESHER
Hours: 16	
*Cost: \$75	Prereqs: 2723
Description: To maintain competencies for offensive response tactics, this course provides the hazardous materials technician with the required annual training. Topics include containment and confinement, decontamination exercises, Level-A dress-out, and use of instruments and HM scene management.	

Course Code: 2723	HAZARDOUS MATERIALS TECHNICIAN
Hours: 40	
*Cost: \$125	Prereqs: HMO Level
Description: THIS COURSE IS DESIGNED FOR THOSE EMERGENCY PERSONNEL WHO HAVE LIMITED RESPONSE NEEDS AT THE SCENE OF A HAZ-MAT INCIDENT. IT MEETS OSHA 1910.120 q(6)(iii) FOR TECHNICIAN.	

Course Code: 2727	HAZARDOUS MATERIALS AWARENESS LEVEL
Hours: 8	
*Cost: \$5	Prereqs: n/a
Description: This course is designed to provide untrained personnel with a basic understanding of hazardous materials. The course follows NFPA 1072, Standard for Competence of Responders to Hazardous Materials/Weapons of Mass Destruction Incidents competencies. This course provides the student with the knowledge needed to protect firefighters, and others, at hazardous materials incidents. Subjects include introduction to hazardous materials, hazardous materials identification, managing the incident, personal protective clothing, terrorist, and other criminal activities. Successful students receive a SCFA certificate and are eligible to take the HMA level accredited exam.	

Course Code: 2728	HAZARDOUS MATERIALS OPERATIONS
Hours: 32	
*Cost: \$5	Prereqs: HMA Level
Description: This course is designed to train the student to the level of NFPA 1072 chapter 5 core competencies for operations level and 6.2 and 6.6 mission specific competencies required by NFPA 1001 for Firefighter I. Subjects include; introduction to properties and hazards of hazardous materials, identification, incident management elements, strategic goals and tactical objectives, personal protective equipment, contamination and decontamination, incident specific strategies and tactics and terrorist and other criminal activities. This course	

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consists of classroom lectures, activities and hands-on practical skills. This course meets all objectives of NFPA 1072, chapter 5 core competencies for operations level and 6.2 and 6.6 mission specific competencies required by NFPA 1001 for Firefighter I. Students who successfully complete the course will receive a SCFA certificate and be eligible to take the accredited level Challenge exam for HMO.

Course Code: 2736	CHLORINE RESPONSE SPECIALIST
Hours: 16	
*Cost: \$75	Prereqs: 2723
Description: This course is designed to address the associated physical and chemical hazards of chlorine and the offensive control tactics for HM teams dealing with a chlorine release. Students will learn, practice, and be evaluated on the application of chlorine control kits for 100 and 150-pound cylinders, one-ton cylinders and rail cars.	

Course Code: 2740	RISK BASED RESPONSE AIR MONITORING
Hours: 8	
*Cost: \$25	Prereqs: 2723
Description: This course is designed for responders at Hazardous Materials Operations and Technician levels that may use air monitoring instruments for hazardous materials or fire incidents to monitor the quality of the air in the environment they are operating in. The course introduces the principles of Risk Based Response (RBR). Classifying a material using the RBR criteria of flammable, corrosive, toxic and radioactive will assist the responder in evaluation of proper PPE needs, establishing isolation/evacuation zones, and determining the severity of contamination of the air at the incident. The course will include 5 scenarios that will require an RBR approach to complete the assignments.	

Course Code: 3203	BASIC FIRE INVESTIGATION
Hours: 48	
*Cost: \$	Prereqs: Application and Selection Process
Description: Letter of support from the organization's chief officer or designee providing justification for the student to be included in the program. The letter must include a description of job duties and how the department will utilize the student's training to benefit the organization. The student's resume must be submitted as well and include at least three to five years fire service/emergency response experience or equivalent related training. Students should familiarize themselves with NFPA 921 and 1033. The SCFA registration form, letter of endorsement from the chief officer, and student resume must be on file at least 30 days prior to the start of the course. Background/reference checks will be utilized to assist in determining student eligibility. This is an introductory course designed to cover the basic principles and practices of fire investigation through NFPA 1033 Standard for Professional Qualifications for Fire Investigator with NFPA 921 Guide for Fire and Explosion Investigations cross references. In addition, state and local protocols are addressed. Topics include South Carolina law, fire behavior, building construction and fire investigation, point of origin, accidental and incendiary fire causes. Other areas covered will include the motivation of the fire-setter, fire photography, fire scene sketching, scene investigation, legal aspects, interviewing and interrogation, evidence collection and preservation, forensic lab service, RICO statutes, and investigative field reports. Successful students will receive a SCFA certificate and are eligible to take accredited exam for IFSAC seal. *This course does not certify the student to be a Fire Investigator.	

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Course Code: 3209	FIRE INVESTIGATION FIRST RESPONDER
Hours: 16	
*Cost: \$25	Prereqs: Incident Command System (ICS)-100-level and ICS-200-level training. Preferred courses are Q0462 and Q0463, available through NFA Online.
Description: This two-day course presents a basic overview of a fire investigation. Students will review the basics of fire chemistry and develop an understanding of the role of the first responder in relation to fire suppression and fire investigation. The course will stress the importance of fire scene awareness, evidence identification, preservation, and the basics of a fire investigation. Students will develop an appreciation of the convergence of suppression, investigation, science, and law.	

Course Code: 3309	INTRODUCTION TO TECHNICAL RESCUE
Hours: 4	
*Cost: \$5	Prereqs: n/a
Description: This online course will introduce the student to Technical Rescue. Topics include the disciplines of tech rescue, scene size-up and control, helicopter operations, and patient care.	

Course Code: 3310	TECHNICAL RESCUER
Hours: 20	
*Cost: \$25	Prereqs: 3309
Description: This course, combined with 3309, addresses NFPA 1006 chapter 4 and 5 for technical rescue. This skills heavy class covers basic rescue knot, rope and related equipment, low-angle maneuvers, rope rescue systems and anchoring. Patient packaging and high point anchors through ladder gins are also addressed. This course is the building block for continuing education for all technical rescuer disciplines. Note: PPE required includes a helmet, safety glasses, leather gloves and steel-toed footwear.	

Course Code: 3312	TRENCH RESCUE 1
Hours: 24	
*Cost: \$155	Prereqs: 3310
Description: This course is designed to enable the first responder to identify actions to take on the scene of a trench collapse. Topics include OSHA standard 29 CFR 1926, hazards associated with trench collapse, operational plans for trench rescue, and shoring techniques for trench collapse.	

Course Code: 3316	ROPE RESCUE HIGH ANGLE OPERATIONS
Hours: 24	
*Cost: \$25	Prereqs: 3310
Description: This course is designed to address the knowledge and skills of Rope Technician level I of the NFPA 1006 Standard for Technical Rescuer Professional Qualifications. Topics include compound mechanical advantage systems, high angle haul systems, high angle lowering, belaying a falling load, high angle rappelling, vertical ascending, and victim triage. PPE is to be provided by the student and must include a helmet, leather gloves, eye protection, and steel-toed high ankle footwear.	

Course Code: 3330	BASIC AUTO EXTRICATION
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Hours: 16	
*Cost: \$25	Prereqs: n/a
Description: COURSE INCLUDES SCENE MANAGEMENT, VEHICLE DESIGN, CONSTRUCTION AND HAZARDS. EXERCISES COVER STABILIZATION, TOOLS, AND TECHNIQUES FOR GAINING ACCESS.	

Course Code: 3331	Auto Extrication Ops
Hours: 24	
*Cost: \$TBD	Prereqs: 3330
Description: Advanced Auto Extrication course, Meets JPRs for NFPA 1006 Auto Extrication Operations level.	

Course Code: 3350	WATER RESCUE OPERATIONS
Hours: 16	
*Cost: \$25	Prereqs: 3310
Description: This course introduces the student to the four water rescue specialties (ice, surf, dive, and swift water), based on NFPA 1670 and 1006. The concepts of buoyancy, water dynamics, and basic hazard recognition, identifying likely victim location, and handling witnesses will be addressed. Other areas will include basic water survival and self rescue, low to high-risk benefit rescue techniques, and shore-based water rescue skills. As part of the course, each student must pass a basic swimming test that includes treading water and swimming 50 meters in a pool for successful completion. PPE is to be provided by the student and must include a swimsuit and Coast Guard-approved Type III personal flotation device, and a white water type whistle (no moving parts).	

Course Code: 3390	CONFINED SPACE ENTRY OPERATIONS
Hours: 24	
*Cost: \$25	Prereqs: 3310
Description: This course addresses the OSHA requirement for entry into Permit Required Confined Spaces and Pre-Incident Planning. Topics include the hazards of confined spaces, air monitoring, ventilation, confined space rescue equipment, and the confined space management system. Numerous hands-on skill sessions, in and outside the classroom, help prepare the confined space entrant for a safe entry and exit from a confined space.	

Course Code: 3392	CONFINED SPACE RESCUE
Hours: 16	
*Cost: \$25	Prereqs: 3390
Description: This course addresses the requirement for rescue from Permit Required Confined Spaces and the safe removal of a confined space victim. Topics include patient packaging, confined space rescue communication systems, and entry rescue from vertical and horizontal confined spaces. Numerous hands-on skill sessions and rescue scenarios inside a confined space training prop are part of the course.	

Course Code: 3400	AIRPORT FIREFIGHTER
Hours: 40	
*Cost: \$821	Prereqs: FFII
Description: This course is designed to take the student to NFPA 1003 Standard for Professional Airport Firefighter qualifications. FAA rules and regulations, airport certification, aircraft and airport familiarization, ARFF safety, ARFF apparatus, PPE, rescue and firefighting procedures, tactical operations, hazardous materials, incident	

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command, airfield communications, extinguishing agents, ARFF tools and equipment, and airport emergency plans. Forcible entry and disentanglement, laddering operations, live wheel/brake, engine, nacelle, galley and cabin fires, victim extrication, ventilation procedures, triage, RIT, flammable liquids foam firefighting, three-dimensional dry chemical firefighting, and ARFF apparatus live fire turret operations. Students who successfully complete the course will receive an accredited certificate from IFSAC and an application for a ProBoard accredited certificate for NFPA 1003 Standard for Professional Airport Firefighter Qualifications.

Course Code: 3402	MUNICIPAL FD APPROACH TO AIRCRAFT RESCUE
Hours: 16	
*Cost: \$25	Prereqs: 1152
<p>Description: This basic course is designed to address the needs of a municipal department response to an aircraft incident or accident. Topics include tactics and strategies, interior operations, engine, wheel, brake and APU/nacelle fires, rescue procedures, practical search, aircraft familiarization, and aircraft fire scenarios. This course allows for municipal firefighters to work in tandem with ARFF on airport incidents/accidents and provides a basic understanding of handling aircraft incident/accidents off of airport property.</p>	

Course Code: 4124	TRAINING OPERATIONS SMALL DEPARTMENTS
Hours: 16	
*Cost: \$25	Prereqs: Incident Command System (ICS)-100-level and ICS-200-level training. Preferred courses are Q0462 and Q0463, available through NFA Online.
<p>Description: This two-day (16-hr) NFA course is designed to provide students with some basic tools and skills to coordinate training in a fire/Emergency Medical Services (EMS) organization. The course is more typically aimed for organizations in a small fire/EMS department whose community may be small and whose department may be volunteer or combination. It can also be tailored for volunteer/combination departments that are part of large city or suburban areas. A training function in a smaller department typically includes conducting training drills and coordinating training with a nearby larger city or state training function.</p>	

Course Code: 4165	FIRE AND LIFE SAFETY EDUCATOR I
Hours: 40	
*Cost: \$5	Prereqs: n/a
<p>Description: This course is designed to take the student to the NFPA 1035, "Standard for Professional Qualifications for Public Fire and Life Safety Educator" level. The course is designed for the individual who will coordinate and deliver comprehensive community fire and injury prevention programs designed to eliminate or mitigate situations that endanger lives, health, property, or the environment. Subjects include: a history of fire prevention education, learning styles, methods for effective teaching, public relations, high-risk populations, professionalism, developing life safety curricula, and evaluation & assessment. Students who successfully complete the course will receive an accredited certificate from IFSAC and an application for a ProBoard accredited certificate for NFPA 1035 Fire and Life Safety Educator.</p>	

Course Code: 4170	FIRE INSTRUCTOR I-BLENDED LEARNING
Hours: 40	
*Cost: \$5	Prereqs: n/a

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Description: On-line version of 4171. Combination of on-line and traditional class
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Course Code: 4171	Fire Instructor I
Hours: 40	
*Cost: \$5	Prereqs: n/a
Description: This program covers speech, psychology of learning, planning instructions, testing and evaluations.	

Course Code: 4172	FIRE INSTRUCTOR II
Hours: 40	
*Cost: \$5	Prereqs: 4171
Description: This course is designed to take the student to the NFPA 1041 Fire Service Instructor II level. Subjects include: the instructor as a professional, principles of learning, instructional planning, instructional materials and equipment, the learning environment, public speaking, classroom instruction, skills-based learning, testing and evaluation, records, reports, and scheduling. The course will require out of class assignments and reading, as well as group and individual class participation. Candidates will present an adapted lesson on the final day of class as part of practical skills evaluation. Students who successfully complete the course will receive an accredited certificate from IFSAC and an application for a ProBoard accredited certificate for NFPA 1041 Fire Instructor II.	

Course Code: 8610	SC FIRE MARSHAL RULES AND REGULATIONS
Hours: 5	
*Cost: \$0	Prereqs: n/a
Description: This four hour program is conducted to familiarize Fire marshal candidates with the specific rules, regulations and statutes that pertain to a certified state fire marshal.	

Course Code: 8612	ICC FIRE INSPECTION I
Hours: 28	
*Cost: \$60	Prereqs: n/a
Description: State Fire will deliver a three (3) day, pilot course designed to assist individuals in preparing for the ICC Fire Inspector I national certification examination. Note State Fire does not “train to the test”, and success on the ICC Fire Inspector I Certification Exam will ultimately depend on the individual’s level of preparation, code knowledge, and familiarity with the stated certification exam references.	