

Course	Description
FSC-0602 SECTIONS	Alternative Energy Vehicles This program contains information on Alternative Energy Vehicles. This course covers basic vehicle safety and technology changes at an emergency response level.
FSC-0734 SECTIONS	Arson Detection for the First Responder (ADFR) Arson Detection for the First Responder NFA(ADFR) Course covers topics which fire suppression personnel must be familiar with in order to facilitate origin and cause determination and possible subsequent investigation of intentionally set fires.
FSC-0604 SECTIONS	Basic Fire Police (BFPO) Minimum Age: 18 years of age Prerequisites: <ul style="list-style-type: none">• IS-100: Introduction to the Incident Command System (ICS-100) Required Text: <ul style="list-style-type: none">• Basic Fire Police Manual, Somerset Cambria Fire Police Association, Pennsylvania Required Equipment: <ul style="list-style-type: none">• None Course Description: This course provides instruction on the proper method to be appointed, the laws pertaining to fire police, fire police powers, and the expected duties of a new fire police officer.
FSC-0341 SECTIONS	Basic Rigging for Rope Rescue (ROBR) Minimum Age: 16 years of age Prerequisites: <ul style="list-style-type: none">* Introduction to Safety and the Training System (IST) OR Introduction to the Fire Service (ELIS) Required Text: <ul style="list-style-type: none">* None Required Equipment: <ul style="list-style-type: none">* Notebook, pen or pencil* Helmet with chin strap, clean leather gloves and work or hiking type boots.* A 15-foot section of rope and 15-foot piece of 1 inch tubular webbing for knot practice. Course Description: Participants in this course will be introduced to rope, rope hardware, patient packaging, and basic haul systems, which can be used in various aspects of rescue. The intent of this course is to provide rope and basic rigging experience for anyone interested in rope rescue, but particularly those who do not want to, or are unable to rappel. Participants in this course will be introduced to characteristics of rope, rope hardware and various knots and hitches. Students will participate in patient packaging and stokes basket handling exercises. Students will be introduced to basic haul and lowering systems and their practical uses. Most of the program is hands on and time is allotted for practice to build proficiency.

Course	Description
FSC-0827 SECTIONS	<p>Clandestine Lab Awareness for First Responder</p> <p>Minimum Age: 18 years of age</p> <p>Prerequisites:</p> <ul style="list-style-type: none"> • Hazardous Materials Operations Level Training <p>Required Text:</p> <ul style="list-style-type: none"> • None <p>Required Equipment:</p> <ul style="list-style-type: none"> • Computer with audio/video capability and internet access <p>Course Description: This program is designed to provide First Responders with the basic recognition and identification skills for clandestine laboratories and the dangers associated with the chemicals used to manufacture illegal drugs. The topics of discussion will include personnel safety when operating at these locations, hazardous materials and wastes produced and required interaction with law enforcement. Participants must be current members of a recognized First Response agency.</p>
FSC-1068 SECTIONS	<p>Effective Budgeting for the Fire Official</p> <p>Minimum Age: 18 years of age</p> <p>Prerequisites:</p> <ul style="list-style-type: none"> • None <p>Required Text:</p> <ul style="list-style-type: none"> • None <p>Required Equipment:</p> <ul style="list-style-type: none"> • Computer with audio/video capability that has internet access <p>Course Description: This program is designed to develop an awareness of budgetary responsibilities and practices for the new or aspiring fire officer. This program will discuss numerous factors and considerations in preparing and preparing a successful and well accepted fire department budget to elected officials and the general public. This program is used to expand upon preexisting knowledge and skills acquired by the student in previous training programs.</p>
FSC-0903 SECTIONS	<p>EMS Bundle - MAMA Fire Weekend</p> <p>The EMS Package includes the following courses:</p> <ul style="list-style-type: none"> • Mass Casualty Incident (MCI) Review - FSC-0411 • Rehabilitation for Firefighters Working in Emergency Environments - FSC-0669 • PA Statewide BLS Protocols - FSC-0771 • Incident Response to Terrorist Bombings (Awareness Level) - FSC-0668
FSC-0205 SECTIONS	<p>Engine Company Operations (ECOP)</p> <p>Minimum Age: 18 years of age</p> <p>Prerequisites:</p> <ul style="list-style-type: none"> • Essentials of Firefighting (EBM) OR Exterior Firefighter (ELEF) OR Bucks Basic Fire Academy OR Fire Fighter 1 (NFPA 1001) Professional Certification <p>Required Text:</p> <ul style="list-style-type: none"> • None <p>Required Equipment:</p> <ul style="list-style-type: none"> • Approved, fitted, and maintained Turn our Gear • Approved and tested SCBA with spare cylinder <p>Course Description: This course provides instruction in the duties and responsibilities necessary to operate on a fireground as a member of an engine company. A discussion of fire behavior and spread in structures, methods of calculating needed fire flow and organizing and equipping engine company is followed by a series of "hands on" drills involving various engine company evolutions</p>
FSC-0830 SECTIONS	<p>Fentanyl Awareness</p> <p>America's first responders, including law enforcement officers, firefighters, and emergency medical services providers are increasingly likely to encounter fentanyl and other synthetic opioids during the course of their daily activities, such as overdose calls, traffic stops, arrests, and searches. T... read more</p>

Course	Description
FSC-1060 SECTIONS	<p>Fire Dynamics & Attic Fires</p> <p>Minimum Age: 16 years of age</p> <p>Prerequisites:</p> <ul style="list-style-type: none"> • Fire Dynamics: Fundamentals and Fire Dynamics: Strategy & Tactics <p>Required Text:</p> <ul style="list-style-type: none"> • None <p>Required Equipment:</p> <ul style="list-style-type: none"> • Computer with audio/video capability that has internet access <p>Course Description: Building upon knowledge gained from Fire Dynamics: Fundamentals and Fire Dynamics: Strategy & Tactics, the student will have a better understanding of Size-Up, Command, Fire Attack, and Fire Ground Support as it pertains to Attic Fires.</p>
FSC-1058 SECTIONS	<p>Fire Service Risk Management</p> <p>Minimum Age: 16 years of age</p> <p>Prerequisites:</p> <ul style="list-style-type: none"> • None <p>Required Text:</p> <ul style="list-style-type: none"> • US Fire Administration: Risk Management Practices in the Fire Service, January 2018. (Provided) <p>Required Equipment:</p> <ul style="list-style-type: none"> • Notebook, pen or pencil • Computer with audio/video capability • Internet Access <p>Course Description: The goal of this program is to provide emergency services leadership with an understanding of the principles and practices of risk management as it relates to public safety. Participants will examine types of risks and the three-levels of risk management: Community, Organizational, and Operational Risk Management. This program is designed to give the emergency services leader the necessary skills to understand the concept of risk and risk management. Designed to be a stand-alone course, the information presented will provide foundational knowledge for pursuing advanced fire company office certification.</p>
FSC-0148 SECTIONS	<p>Flammable Gases Review</p> <p>Minimum Age: 18 years of age</p> <p>Prerequisites:</p> <ul style="list-style-type: none"> • Essentials of Firefighting (EBM) OR Exterior Firefighter (ELEF) OR Bucks Basic Fire Academy OR Fire Fighter 1 (NFPA 1001) Professional Certification <p>Required Text:</p> <ul style="list-style-type: none"> • None <p>Required Equipment:</p> <ul style="list-style-type: none"> • Approved, fitted, and maintained Turn our Gear • Approved and tested SCBA with spare cylinder <p>Course Description: This program is designed to review the types and nature of flammable gases. This course will reinforce pre-existing knowledge and skills acquired by the student in previous training programs. Topics include: physical and chemical properties of flammable gases, suppression strategies, resources and equipment need, and agent selection and application.</p>
FSC-0900 SECTIONS	<p>Flashover Simulator</p> <p>Flashover Simulator: safe and realistic way to experience the actual conditions of fire behavior before and during a flashover. Topics include: fire behavior, nozzle techniques, and safety factors involving flashovers.</p>

Course	Description
FSC-0622	<p>Heavy Truck Rescue</p> <p>Minimum Age: 18 years of age</p> <p>Prerequisites:</p> <ul style="list-style-type: none"> • Basic Vehicle Rescue Training <p>Required Text:</p> <ul style="list-style-type: none"> • None <p>Resource Materials Needed:</p> <ul style="list-style-type: none"> • None <p>Required Equipment:</p> <ul style="list-style-type: none"> • Computer with audio/video capability and Internet Access (if applicable) • Turn Our Gear • Eye Protection <p>Other:</p> <ul style="list-style-type: none"> • Other course materials/handouts provided based on modality of course <p>Course Description</p> <p>This program addresses the hazards and resource demands for extrication emergencies involving large and heavy vehicles. Addressed in this program, are vehicle design considerations, weight distribution hazards, payloads, strength points, and special hazard considerations. The course teaches the student how to assess, stabilize, and access vehicles of greater size and weight. Students will learn how to address special resource needs encountered during extrication emergencies.</p>
FSC-0108	<p>Incident Safety Officer (ISO) N.F.A</p> <p>Minimum Age: 18 years of age</p> <p>Prerequisites:</p> <ul style="list-style-type: none"> • Essentials of Firefighting (EBM) OR Exterior Firefighter (ELEF) OR Bucks Basic Fire Academy OR Fire Fighter 1 (NFPA 1001) Professional Certification <p>Required Text:</p> <ul style="list-style-type: none"> • None <p>Required Equipment:</p> <ul style="list-style-type: none"> • Computer with audio/video capability that has internet access <p>Course Description: The Safety Officer's responsibilities fall into two clear cut categories: those associated with responding at the incident scene, and those associated with managing the day to day affairs of the department. The Incident Safety Officer (ISO) course is focused on the incident and the role the Safety Officer plays as part of the Command Staff. The target audience is Company Officers (CO) who are experienced in firefighter safety issues and are familiar with an Incident Command System, hazardous materials management, and related emergency operations. The program provides the student with the decision-making process and skills required to recognize unsafe acts and conditions and take appropriate corrective actions.</p>
FSC-0226	<p>Introduction to Fire Officership (INFO)</p> <p>Minimum Age: 18 years of age</p> <p>Prerequisites:</p> <ul style="list-style-type: none"> • Essentials of Firefighting (EBM) OR Interior Firefighter (ELIF) OR Bucks Basic Fire Academy OR Fire Fighter 1 (NFPA 1001) Professional Certification <p>Required Text:</p> <ul style="list-style-type: none"> • None <p>Required Equipment:</p> <ul style="list-style-type: none"> • Computer with audio/video capability with internet access <p>Course Description: To provide students with an overview of the skills necessary to effectively manage volunteer and career fire organizations. Introduction to Fire Officership will give the student a basic overview of company officer responsibilities, personnel issues, their role in fire ground operations, and the development of a sound and effective administrative and fire ground organizational structure.</p>

Course	Description
FSC-3459 SECTIONS	<p>Introduction to the Fire Service (ELIS-22)</p> <p>Minimum Age: 14 years of age</p> <p>Prerequisites:</p> <ul style="list-style-type: none"> * None <p>Required Text:</p> <ul style="list-style-type: none"> * Essentials of Fire Fighting, Seventh Edition, International Fire Service Training Association; Oklahoma. <p>Required Equipment:</p> <ul style="list-style-type: none"> * Turn out Gear * Computer with audio/video capability that has internet access <p>Course Description: This entry level course is designed to introduce new firefighters to basic information including an overview of the fire service, fire service history, its mission and organization, firefighter safety, personal protective equipment, tools, communications, work areas, and backing apparatus. This is the first of four levels (courses) in the curriculum.</p>
FSC-1054 SECTIONS	<p>Knee Walls & Hazards of Hidden Fires in Wood Frame Structures</p> <p>Minimum Age: 14 years of age</p> <p>Prerequisites:</p> <ul style="list-style-type: none"> • None <p>Required Text:</p> <ul style="list-style-type: none"> • None <p>Required Equipment:</p> <ul style="list-style-type: none"> • Internet Access <p>Course Description: This course will use real-life examples to illustrate the threats posed by smoke explosions and extreme fire development posed by fires in knee walls and concealed spaces of wood frame structures. Case studies from several Pennsylvania incident. For all levels of firefighters; from Incident Commanders to line firefighters and Safety Officers.</p>
FSC-1053 SECTIONS	<p>Lithium-Ion Battery Incidents</p> <p>Minimum Age: 14 years of age</p> <p>Prerequisites:</p> <ul style="list-style-type: none"> • Hazardous Materials Awareness <p>Required Text:</p> <ul style="list-style-type: none"> * Electric and Hybrid Vehicle Quick Reference Fire Service Edition, National Fire Protection Association, https://www.nfpa.org/-/media/project/storefront/catalog/files/emergency-response/emergency-response-guides/ev-fire-qr-info-card.pdf * Bulletin: Submerged Hybrid/Electric Vehicles- https://www.nfpa.org/-/media/project/storefront/catalog/files/code-or-topic-fact-sheets/bulletinsubmergedhybridev.pdf * IAFC Bulletin: Fire Department Response to Electric Vehicle Fires- https://www.iafc.org/docs/default-source/1haz/respondingtoelectricalvehiclefires.pdf * IAFC Bulletin: Recommended Fire Department Response to Energy Storage Systems (ESS) Part 1- https://www.iafc.org/docs/default-source/1fire-prev/iafcresponseessfires.pdf <p>Required Equipment:</p> <ul style="list-style-type: none"> • Computer with audio/video capability and internet access <p>Course Description: Lithium-ion battery incidents have proven to be a challenge to the fire service requiring extended manpower hours and copious amounts of water to extinguish them. Most fire department actions have been a "Press Pause" for them to only reignite hours, days, or weeks later. This program will cover chemical/physical properties, terminology, causes of failure, chemical/physical hazards, recognition/identification, firefighter safety, reference resources, operation modes, extinguishing/cooling methods, secondary responder guidance, incident termination, and educational resources for responders and the community. The program will cover incidents involving electric vehicles, mobility devices, electronic devices, tools/equipment, transportation shipping, and energy storage systems.</p>

Course	Description
FSC-0868 SECTIONS	<p>PTSD Awareness for the Fire Service</p> <p>Minimum Age: 18 years of age</p> <p>Prerequisites:</p> <ul style="list-style-type: none"> • None <p>Required Text:</p> <ul style="list-style-type: none"> • None <p>Required Equipment:</p> <ul style="list-style-type: none"> • Computer with audio/video capability and internet access <p>Course Description: This program defines PTSD, risk factors for firefighters, signs and symptoms to look out for in Fire Departments and what to do if one of your members is showing these signs. Discussion will provide students with the tools to make their departments aware of the needs of response personnel in dealing with and discussing behavior wellness issues.</p>
FSC-0420 SECTIONS	<p>Pump Operations I (PUOP)</p> <p>Minimum Age: 18 years of age</p> <p>Prerequisites:</p> <ul style="list-style-type: none"> • Essentials of Firefighting (EBM) OR Fire Ground Support (ELFG) OR Bucks Basic Fire Academy OR Fire Fighter 1 (NFPA 1001) Professional Certification <p>Required Text:</p> <ul style="list-style-type: none"> • None <p>Required Equipment:</p> <ul style="list-style-type: none"> • Apparatus that meets the NFPA or other industry standard for that type of vehicle. <p>Course Description: Through classroom sessions and practical fieldwork, this course will provide the student with an introduction to basic pump construction, water movement hydraulics, theory, and operating techniques. Emphasis is placed on getting water to the pump, getting the water from the pump to the hose lines, and the prevention of common mistakes associated with pump operations.</p>
FSC-0421 SECTIONS	<p>Pump Operations II (PUOA)</p> <p>Minimum Age: 18 years of age</p> <p>Prerequisites:</p> <ul style="list-style-type: none"> • Pump Operations 1 (PUOP) <p>Required Text:</p> <ul style="list-style-type: none"> • None <p>Required Equipment:</p> <ul style="list-style-type: none"> • Apparatus that meets the NFPA or other industry standard for that type of vehicle <p>Course Description: This course is designed to instruct the student in advanced techniques of operating pumps. Topics covered include friction loss, relay pumping, master streams, elevated master streams. This course will introduce the student to advanced concepts and methods of fire pump operation.</p>

Course	Description
FSC-0760 SECTIONS	<p>Rapid Intervention Team Basic Training</p> <p>Minimum Age: 18 years of age</p> <p>Prerequisites:</p> <ul style="list-style-type: none"> • Essentials of Firefighting (EBM) OR Interior Firefighter (ELIF) OR Bucks Basic Fire Academy OR Fire Fighter 1 (NFPA 1001) Professional Certification <p>Required Text:</p> <ul style="list-style-type: none"> • None <p>Required Equipment:</p> <ul style="list-style-type: none"> • Approved, fitted, and maintained Turn our Gear • Approved and test SCBA • Computer with audio/video capability and internet access <p>Course Description: This course is designed to provide firefighters with the knowledge and skill objectives to safely perform rescue techniques to remove trapped or lost firefighters during deteriorating suppression activities. This course is for firefighters who are members of a RIT and tasked with extrication responsibilities during structure fires. Included in this course: RIT Team roles and responsibilities, evaluation of case studies, function during suppression activities, lifting and moving techniques, extrication support needs, team building skills, and size-up techniques and structure layout. The fire fighter will also participate in “live” scenario-based evaluations involving a down/trapped firefighter.</p>
FSC-0381 SECTIONS	<p>Solar Panel Awareness for the Fire Service (SPAFS)</p> <p>Minimum Age: 16 years of age</p> <p>Prerequisites:</p> <ul style="list-style-type: none"> • None <p>Required Text:</p> <ul style="list-style-type: none"> • None <p>Required Equipment:</p> <ul style="list-style-type: none"> • Computer with audio/video capability with internet access <p>Course Description: This course is intended for Emergency Responders, as well as other private or municipal agencies. This course is an awareness level program covering system types, code compliant installations, associated hazards, and safe work practices near solar PV systems. The course will introduce students to solar PV system operation, components, design and recommended practices.</p>
FSC-0447 SECTIONS	<p>Surface Ice Rescue Awareness</p> <p>Minimum Age: 16 years of age</p> <p>Prerequisites:</p> <ul style="list-style-type: none"> • Basic training as an Emergency Responder <p>Required Text:</p> <ul style="list-style-type: none"> • None <p>Resource Materials Needed:</p> <ul style="list-style-type: none"> • None <p>Required Equipment:</p> <ul style="list-style-type: none"> • Computer with audio/video capability and Internet Access (if applicable) <p>Other:</p> <ul style="list-style-type: none"> • Other course materials/handouts provided based on modality of course <p>Course Description The goal of this program is to provide the student with the initial necessary knowledge for responding to ice immersion emergencies. Surface Ice Rescue Awareness will provide the student with the knowledge to size up an ice immersion emergency, provide for rescuer safety, provide site control and scene management and determine the necessary additional resources needed to mitigate the emergency. Surface Ice Rescue Awareness will assist an organization with becoming NFPA 1670 compliant with Ice Rescue Awareness</p>
FSC-0989 SECTIONS	<p>The Art of Reading Smoke</p> <p>The class is an upper-level curriculum that includes lecture, discussion, & group activities that will give participants information and experience to be more effective as a first-arriving fire officer and/or Incident Commander.</p>

Course	Description
FSC-0209 SECTIONS	<p>Truck Company Operations I (TRCO)</p> <p>Minimum Age: 18 years of age</p> <p>Prerequisites:</p> <ul style="list-style-type: none"> • Essentials of Firefighting (EBM) OR Interior Firefighter (ELIF) OR Bucks Basic Fire Academy OR Fire Fighter 1 (NFPA 1001) Professional Certification <p>Required Text:</p> <ul style="list-style-type: none"> • None <p>Required Equipment:</p> <ul style="list-style-type: none"> • Approved, fitted, and maintained Turn our Gear • Approved and tested SCBA with spare cylinder • Computer with audio/video capability with internet access <p>Course Description: The student will be introduced to the basic concept of truck company operations as part of an organized, coordinated structural fire suppression operation. Truck companies, regardless of whether they arrive on an aerial device, squad, or engine, are the combat engineers of fire attack operations. This course, for experienced fire fighters, will introduce the student to the basic concept of truck company operations and duties, including organizing the delivery of truck company services, selection and use of key tools, advanced ventilation and forcible entry theory and practices, search and rescue, and other fire attack support functions.</p>
FSC-2474 SECTIONS	<p>Vehicle Extrication Strategies and Tactics</p> <p>Minimum Age: 16 years of age</p> <p>Prerequisites:</p> <ul style="list-style-type: none"> • Basic vehicle rescue training <p>Required Text:</p> <ul style="list-style-type: none"> • None <p>Required Equipment:</p> <ul style="list-style-type: none"> • Extrication Jumpsuit or Firefighting TOG, Helmet with Chin Strap, Eye Protection, Work boots, and leather or extrication gloves <p>Course Description: This module is designed to review the strategic and tactical considerations closely associated with auto extrication emergencies. This course will review the phases of extrication, extrication concerns with vehicle technology, and patient considerations. While not teaching patient care, i.e. medical treatment, this program will provide rescue personnel with an orientation to patient related rescue and the latest extrication techniques. This course places emphasis upon the review and enhancement of the student's knowledge level and skills necessary to achieve a safe and efficient vehicle rescue operation.</p>
FSC-0580 SECTIONS	<p>Water Rescue for the 1st Responder Awareness (PA Fish & Boat Commission)</p> <p>Minimum Age: 18 years of age</p> <p>Prerequisites:</p> <ul style="list-style-type: none"> • None <p>Required Text:</p> <ul style="list-style-type: none"> • Water Rescue for the First Responder Awareness Level Manual, PA Fish and Boat Commission <p>Required Equipment:</p> <ul style="list-style-type: none"> • Computer with audio/video capability and internet access <p>Course Description: To familiarize the rescuer with the proper procedures used in water rescue. This classroom course is for anyone who may respond to a water emergency. Topics include scene assessment, activation of the emergency response system, evaluation of potential and existing water hazards, scene management, rescue vs recovery, and personal safety measures.</p>