

ALLEGHENY COUNTY FIRE ACADEMY

In Cooperation With The

**COMMUNITY COLLEGE of ALLEGHENY COUNTY
PUBLIC SAFETY INSTITUTE**



2022 TRAINING SCHEDULE

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**County of Allegheny
County Executive Rich Fitzgerald
Department of Emergency Services
Chief Matthew J. Brown
Fire Academy Division
Administrator Glenn H. Kopec**

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ACFA 2022 Training Schedule Registration Guidelines

Registration Policy/Procedures

All students must be **pre-registered** for classes at the Allegheny County Fire Academy (ACFA). To plan for facilities and equipment, ACFA needs to know how many students are attending each program. Therefore, the ACFA reserves the right not to accept walk-in students for any program.

Enrollment forms are due at ACFA:

- **No earlier than ninety (90) days from the first day of class, and;**
- **No later than two (2) weeks prior to the start of class.**
- **These deadlines are important to remain between our minimum enrollment and maximum enrollment numbers.**
- **If a class is tied to a certification test (i.e. Fire Service Instructor – I & II, Fire Officer I & II) an original, completed, and typed or .pdf filled PSFA certification application for the appropriate level must also be received at the ACFA no later than two (2) prior to the start of class.**
- **If the class is one of the PFSA Academy-On-The-Road (ATOR) course, you will be required to also submit an ATOR Application that will be sent to you via e-mail upon the ACFA receiving your ACFA Pre-Registration.**

Enrollment forms can either be dropped off, faxed, mailed, or e-mailed to the ACFA registrar, Patty Martinelli at Patricia.Martinelli@AlleghenyCounty.US or to the address and fax number on the enrollment form. At this point the class roster will be set and acceptance letters will be sent to all students enrolled in the program. Bring the acceptance letter with you to the first day of class, as this will ensure you a spot if there is any conflict regarding number of students enrolled in a program. Any enrollment forms received after the deadline will be honored on a first-come-first-served basis up to the course limit. By registering beyond the deadline, the student accepts the risk of not being enrolled in the program and being sent home the first day of class.

Courses with prerequisite requirements must have documentation of the prerequisites being met attached at the time the enrollment form is submitted to ACFA. Attached copies of the certificate issued for the prerequisite course will satisfy this requirement. Any enrollment forms received without documentation will be rejected and the student will not be enrolled in the program.

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No Show Policy

As program space and funding is limited, the ACFA reserves the right to suspend any student from attending future ACFA classes, who registers for a program and then does not show up for the class. If such “No-Shows” occur as a group from a single fire department the Academy reserves the right to suspend the entire department from attending courses sponsored by ACFA.

Students needing to cancel out of any ACFA program for any reason must do so in writing, prior to the start of the course, to avoid the “No Show” policy sanctions. Cancellations may be done by e-mailing:

FireAcademyCancellations@AlleghenyCounty.US

Chief's Authorization

In authorizing a student to attend classes at ACFA, the Fire Chief **MUST** provide the ACFA with an e-mail address and is certifying that the student:

- Meets the pre-requisite knowledge and abilities to attend the class per the course description.
- Is **MEDICALLY QUALIFIED** to attend the course and can participate in **ALL** evolutions.
- Is covered by the Fire Department's Workers' Compensation Insurance during attendance at the Fire Academy.
- Shall be provided with appropriate turnout gear, SCBA and other personal protective equipment as dictated by the course description.

Facial Hair Policy/Procedure

To comply with accepted standards (NFPA 1403, 1404, 1500 and OSHA Respiratory Protection), PSFA guidelines, and manufactures' guidelines; any program that utilizes SCBA or other respiratory protection will require students registering to be clean-shaven. This means there will be no facial hair anywhere along the jaw line, the chin or under the lower lip that would be in contact with the facepiece. A well-trimmed mustache is permitted. **Any student out of compliance with the policy will be given the option of shaving prior to the start of class or not attending the program.**

Dress Code Policy

The ACFA is a formidable educational institution that provides a high quality of service to the firefighters in the county and surrounding counties. To keep the highest quality of education at the ACFA, there must be a dress code that is commensurate of the education that is being delivered at this facility. The clothing a student wears to the ACFA can greatly affect the safety and academic focus of that student and the surrounding students. Extreme discretion is advised on the part of the students. **The ACFA staff will become involved in the matter of dress when an individual student exercises poor judgment in his/her mode of dress; that is, the dress interferes with the learning process, constitutes a hazard to the student or others, or is**

ACFA 2022 Training Schedule Registration Guidelines

deemed inappropriate for the training setting by the staff and administration. Safety issues will be addressed with clothing or shoes when seen as dangerous.

- Armbands, buttons, and badges are permissible, as well as clothing bearing slogans, as long as they are not gang related, obscene, libelous, or display items or products that are contrary to the ACFA rules and regulations or interfere with the educational process.
- Objects that are sharp or protruding from the person of a student are prohibited. This specifically includes, but is not limited to spikes on collars, jackets, shoes and wristbands.
- Duty uniforms are preferred. A few specific classes will require a professional level of dress. For these classes, appropriate dress will be noted in the student's course acceptance letter.
- Shorts, skirts, dresses, pajama pants, and torn-ragged clothing are NOT permitted.
- Trousers and pants are not to sag below the waistline so that bare-midriff, gluteal cleft, and/or underwear are seen.
- Tank-top type jerseys, muscle shirts, sleeveless shirts, halters, off-the shoulder shirts, pajama shirts, and bare midriff tops are prohibited. Shirtsleeves must have a seam and two inches of material that cover the shoulders.
- Utmost discretion is urged with the wearing of see-through or skin-tight apparel and low-cut shirts.
- Students **MUST** wear long-sleeved shirts or sweatshirts in courses requiring protective clothing during live fire evolutions to reduce the risk of thermal injury. It is recommended that this clothing be of natural fibers (cotton, wool, etc.) or of flame restive material, and not of man-made sports type fabric that is designed to wick away perspiration from the body.
- **Hats (including hoods), headbands, and bandanas are not to be worn inside the classroom.**
- Footwear in the classroom must cover the entire foot and be secured to the foot. No slippers, flip-flops, or clogs will be permitted. On the training ground, the footwear must be work boots with safety toe protection or bunker boots.
- Jewelry should be limited as not to interfere with the student's safety or be offensive to others.

Personal Protective Equipment Inspection Policy

ACFA will have a gear inspection performed during any program that involves live fire training. The intent of this inspection is to ensure the protection of the student participating in training. Deficiencies in the protective equipment inspected will be noted on the inspection form. Not all deficiencies will prevent the gear from being used in a program. Only if the "NO" box next to "PPE acceptable for use" is checked will the student not be permitted to wear the inspected gear for the **live fire evolution portion** of the program. Gear not acceptable for live fire use may continue to be worn for non-live fire portions of the program. A copy of the gear inspection form shall be sent home with the student for review.

Any Chief Officer with questions or concerns about the gear inspection policy or process should contact the Fire Academy Staff.

ACFA 2022 Training Schedule Registration Guidelines

Program Coordinators

Please use the following list to assist you in directing your inquiries regarding the programs at the Fire Academy. The ACFA telephone numbers are: (724) 935-4634 or (412) 931- 3158

- Non-Suppression Programs, Community Emergency Response Teams (CERT) Programs, and Hazardous Materials/Weapons of Mass Destruction Programs

Russell E. Young at Russell.Young@AlleghenyCounty.US or Extension 3

- Suppression Programs and Private Industry Training

Nelson Miller at Nelson.Miller@AlleghenyCounty.US or Extension 7

- Certification and New Instructor Mentoring

Michael Krzeminski at Michael.Krzeminski@AlleghenyCounty.US or Extension 4

- PA Entry Level Firefighter Training, Rescue Programs, and ACFA Facebook Page

Brian Chalfant at Brian.Chalfant@AlleghenyCounty.US or Extension 8

Materials Fees

Materials Fees are attached to classes where expendable materials are required and necessary for the class (i.e. plywood, books, locks, drywall, etc.). If a class has a Material Fee it must be paid to the appropriate organization prior to the class. Payment must be in the form of check or money order payable to Allegheny County Treasurer, except where noted. Cash cannot be accepted.

Registrations received without payment will not be accepted.

- **CHECKS AND MONEY ORDERS:** Made payable to Allegheny County Treasurer must be sent with the registration forms to the Allegheny County Fire Academy prior to the start of class. *A separate check is required for each class and each student.* This will facilitate the refund for individual cancellations.
- **REFUND POLICY:** Students not attending a program must notify the ACFA **BEFORE** the first day of the class to receive a refund.
- **NO SHOW POLICY:** Students needing to cancel out of any ACFA program for any reason must do so in writing, prior to the first day of the class, to avoid the “No Show” policy sanctions. This may be done by emailing: FireAcademyCancellations@AlleghenyCounty.US

ACFA 2022 Training Schedule
PA Entry Level Firefighter Program

Introduction to the Fire Service (ELIS)

16 Hours Prerequisites: Minimum age of 14 years old at start of class

This 16-hour course is designed to introduce new firefighters to basic information including an overview of the fire service, fire service organization, firefighter safety, personal protective equipment and terrorism awareness. This is the first of five (5) courses in the curriculum.

Pre-Class Instructions: Prior to the first day of class, each student MUST:

- Shall have a copy of the textbook: IFSTA’s “*Essentials of Firefighting, 6th Edition*” (ISBN #: 978-087939509-4 or SKU: 36922) that must remain in the possession of the student throughout the entire course. If your fire department does not have a copy, it is available through the Lancaster County Fireman’s Association at <http://www.lcfabookstore.com/product/essentials-of-fire-fighting-6th-edition/>
- Read Chapters 1, 2, 6 (pages 256-280), 10 (pages 476-484), and 11 (pages 581-596) from the textbook
- Have a notebook, pen, and a #2 pencil.
- Have a set of Personal Protective Equipment (PPE) consisting of a helmet, coat, pants, hood, boots, primary eye protection, and gloves.

The student shall receive a copy of the PA Edition Entry Level Fire Training Skill Sheets book on the first day of class. This skill sheets book must remain in the possession of the student until the end of the PA Entry Level Fire Training program.

Dress Code: Although we will discuss our policies and procedures in depth on the first day of class, be advised of the following policies for the first day of class:

- Closed shoes that cover the entire foot.
- Long pants.
- Shirts must have sleeves.
- No hats, ball caps, etc. shall be worn indoors.

Course Number:	Location:	Day/s of Week:	Dates:	Times:	Instructor:
10555	ACFA	Saturdays	2/12 & 2/19	08:00 - 17:00	Pampena
10556	Forest Hills VFC	Tues/Thurs	2/8 - 2/17	18:30 - 22:30	Furst/Greenawald/Petrick
10557	ACFA	Fri & Mon	6/10 & 6/13	08:00 - 17:00	ACFA Staff
10558	ACFA	Saturdays	7/30 & 8/6	08:00 - 17:00	Craig

ACFA 2022 Training Schedule
PA Entry Level Firefighter Program

Heartsaver® First Aid CPR AED with Child and Infant Modules

8 Hours Prerequisites: None Allegheny County Treasurer Materials Fee: \$20.00

The American Heart Association *Heartsaver® First Aid CPR AED* course is an 8-hour classroom, video-based, instructor-led course that teaches students critical skills needed to respond to and manage a first aid, choking or sudden cardiac arrest emergency in the first few minutes until emergency medical services (EMS) arrives. Students learn skills such as how to treat bleeding, sprains, broken bones, shock and other first aid emergencies. This course also teaches adult CPR and AED use, child CPR and AED use, and infant CPR.

The student will need to provide: pen/pencil, notebook.

Course Number:	Location:	Day/s of Week:	Dates:	Times:	Instructor:
10559	ACFA	Fri/Mon	2/22 & 2/24	18:30 – 22:30	TBA
10560	ACFA	Tuesday	6/21	18:30 – 22:30	TBA
10561	ACFA	Saturday	8/20	08:00 – 17:00	TBA

ACFA 2022 Training Schedule
PA Entry Level Firefighter Program

Hazardous Materials Awareness (HMAJB)

4 Hours Prerequisites: None

The primary target audience for this 4-hour course are the First Responders charged with response actions associated with hazardous materials releases. Students will learn and adapt the knowledge and skill requirements for effective scene and response management. The goal of this program is to provide the First Responder with the training needed to comply with NFPA 472 Chapter 4 Competencies for the First Responder at the Awareness Level, and 29 CFR 1910.120 OSHA’s Hazardous Waste Operations and Emergency Response, (HAZWOPER), First Responder Awareness Level. This program is designed to give the first responder the necessary skills to handle hazardous materials emergencies.

Each student shall have a copy of the textbook: Jones & Bartlett’s “Hazardous Materials Awareness and Operations, Second Edition” (ISBN #: 978-1-4496-4154-2) that must remain in the possession of the student throughout the entire course. If your fire department does not have a copy, it is available through the Western PA Fireman’s Association at www.wpfa.org. For those students that are unable to obtain a copy through their fire department, the ACFA will LOAN the student a copy of the textbook that must be returned upon completion of the class. If the textbook is not returned or damaged beyond operability the student/fire department will be charged for the replacement of the textbook.

The student will need to provide: pen/pencil, notebook, and their copy of the PA Edition Entry Level Fire Training Skill Sheets book, which will be provided the first day of the Introduction to the Fire Service class. This skill sheets book must remain in the possession of the student until the end of the Entry Level Fire Training program.

Course Number:	Location:	Day/s of Week:	Dates:	Times:	Instructor:
10562	Forest Hills VFC	Tuesday	3/1	08:00 - 12:00	Klier
10563	ACFA	Saturday	3/5	18:30 - 22:30	McDonald
10564	ACFA	Tuesday	6/14	08:00 - 12:00	McDonald
10565	ACFA	Saturday	8/13	08:00 - 12:00	DiGennaro

NEW OFFERING: For the students that would prefer to utilize a 4-hour **on-line** course, they can go to the **TRAIN PA** learning management system (<https://www.train.org/pa/welcome>) sponsored by PA Emergency Management Agency and Department of Health and search for the **PA-PSFA-Hazardous Materials Awareness** course.

ACFA 2022 Training Schedule
PA Entry Level Firefighter Program

IS-700.B: An Introduction to the National Incident Management System

3.5 Hours Prerequisites: None

This 3.5-hour **on-line** course (<https://training.fema.gov/is/courseoverview.aspx?code=IS-700.b>) offered by the US Department of Homeland Security, Federal Emergency Management Agency's, (FEMA's) Emergency Management Institute (EMI) provides the student an overview of the National Incident Management System (NIMS). The National Incident Management System defines the comprehensive approach guiding the whole community – all levels of government, non-governmental organizations (NGO), and the private sector – to work together seamlessly to prevent, protect against, mitigate, respond to, and recover from the effects of incidents. The course provides learner with a basic understanding of NIMS concepts, principles, and components.

IS-100.C: Introduction to the Incident Command System, (ICS-100)

2 Hours Prerequisites: None

This 2-hour **on-line** course (<https://training.fema.gov/is/courseoverview.aspx?code=IS-100.c>) offered by the US Department of Homeland Security, Federal Emergency Management Agency's, (FEMA's) Emergency Management Institute (EMI) introduces the student to the Incident Command System (ICS) and provides the foundation for higher level ICS training. This course describes the history, features and principles, and organizational structure of the Incident Command System. It also explains the relationship between ICS and the National Incident Management System (NIMS).

Taking Action Against Cancer in the Fire and Emergency Services

3 Hours Prerequisites: None

This 3-hour class will educate firefighters and EMS personnel about their increased risk of developing cancer; encourage actions and behaviors to reduce or prevent exposure to occupational cancer hazards: encourage healthy lifestyle choices to further reduce cancer risk: and provide information about resources available to firefighters, EMS personnel and their families following a cancer diagnosis.

The student will need to provide: pen/pencil, notebook.

Course Number:	Location:	Day/s of Week:	Dates:	Times:	Instructor:
10566	ACFA	Wednesday	2/2	18:30 – 22:30	TBA
10567	ACFA	Wednesday	6/14	13:00 – 16:00	TBA
10568	ACFA	Wednesday	11/16	18:30 – 22:30	TBA

ACFA 2022 Training Schedule
PA Entry Level Firefighter Program

Fire Ground Support (ELFG)

32 Hours Prerequisites: ELIS and HMA

This 32-hour course is designed to introduce new firefighters to fire ground operations including fire behavior, fire extinguishers, water supply, fire hose, ropes, and hazardous materials. This is the second of four courses in the curriculum.

The student will need to provide: pen/pencil, notebook, PPE, SCBA with spare cylinder, 15' of ½" (12mm) static kernmantle rope, and their copy of the PA Edition Entry Level Fire Training Skill Sheets book, which was provided the first day of the Introduction to the Fire Service class. This skill sheets book must remain in the possession of the student until the end of the Entry Level Fire Training program.

Course Number:	Location:	Day/s of Week:	Dates:	Times:	Instructor:
10569	ACFA	Saturdays	3/12 – 4/2	08:00 - 17:00	Pampena
10570	Forest Hills VFC	Tues/Thurs	3/8 – 3/31	18:30 - 22:30	Furst/Greenawald/Petrick
10571	ACFA	Wed thru Mon Weekdays Only	6/15 – 6/20	08:00 - 17:00	ACFA Staff
10572	ACFA	Saturdays	8/27 – 9/24	08:00 - 17:00	Craig

Exterior Fire Fighter (ELEF)

52 Hours Prerequisites: ELFG and IS-700 and ICS-100. Also, the student must follow the PSFA Facial Hair Policy (i.e. “clean shaven wherever the SCBA face piece touches”) throughout the class.

This 52-hour course is designed to introduce new firefighters to exterior fire ground operation including building construction, ladders, communications, protective systems/sprinklers, forcible entry, and fire prevention. This is the third of four courses in the curriculum.

The student will need to provide: pen/pencil, notebook, PPE, SCBA with spare cylinder, and their copy of the PA Edition Entry Level Fire Training Skill Sheets book, which was provided the first day of the Introduction to the Fire Service class. This skill sheets book must remain in the possession of the student until the end of the Entry Level Fire Training program.

Course Number:	Location:	Day/s of Week:	Dates:	Times:	Instructor:
10573	ACFA	Saturdays	4/9 - 5/21	08:00 - 17:00	Pampena
10574	Forest Hills VFC	Tues/Thurs	4/5 – 5/17	18:30 - 22:30	Furst/Greenawald/Petrick
10575	ACFA	Wed thru Thurs Weekdays Only	6/22 – 6/30	08:00 - 17:00	ACFA Staff
10576	ACFA	Saturdays	10/1 – 11/19	08:00 - 17:00	Craig

ACFA 2022 Training Schedule
PA Entry Level Firefighter Program

Hazardous Materials Operations (HMOJB)

24 Hours Prerequisites: *Minimum age of 16 by first day of class; Also, the student must follow the PSFA Facial Hair Policy (i.e. “clean shaven wherever the SCBA face piece touches”) throughout the class.*

The primary target audience for this 24-hour course are the First Responders charged with response actions associated with hazardous materials releases. Students will learn and adapt the knowledge and skill requirements for effective scene and response management. This program is designed to train and educate the student in hazardous materials response at the Hazardous Materials Operations level and in accordance with NFPA 472 of 2008 and 29 CFR 1910.120. This program is designed to give the first responder the necessary skills to handle hazardous materials emergencies.

Each student shall have a copy of the textbook: Jones & Bartlett’s “Hazardous Materials Awareness and Operations, Second Edition” (ISBN #: 978-1-4496-4154-2) that must remain in the possession of the student throughout the entire course. If your fire department does not have a copy, it is available through the Western PA Fireman’s Association at www.wpfa.org. For those students that are unable to obtain a copy through their fire department, the ACFA will LOAN the student a copy of the textbook that must be returned upon completion of the class. If the textbook is no returned or damaged beyond operability the student/fire department will be charged for the replacement of the textbook.

The student will need to provide: pen/pencil, notebook, PPE, SCBA with spare cylinder, and their copy of the *PA Edition Entry Level Fire Training Skill Sheets* book, which was provided the first day of the Introduction to the Fire Service class. This skill sheets book must remain in the possession of the student until the end of the Entry Level Fire Training program.

Course Number:	Location:	Day/s of Week:	Dates:	Times:	Instructor:
10577	ACFA	Saturdays	3/19 – 4/2	08:00 - 17:00	McDonald
10578	ACFA	Fri/Tues/Wed Weekdays Only	7/1 -7/6	08:00 - 17:00	DiGennaro
10579	ACFA	Saturdays	8/6 – 8/20	08:00 - 17:00	Klier
10580	Forest Hills VFC	Tues/Thurs	8/2 - 8/18	18:30 - 22:30	Klier

ACFA 2022 Training Schedule
PA Entry Level Firefighter Program

Interior Fire Fighter (ELIF) *Allegheny County Treasurer Materials Fee: \$60.00*
40 Hours *Prerequisites: Minimum age of 18 by first day of class and ELEF and HMO.*
Also, the student must follow the PSFA Facial Hair Policy (i.e. “clean shaven wherever the SCBA face piece touches”) throughout the class.

This 40-hour course is designed to introduce new firefighters to interior fire ground operation including nozzles and streams, SCBA, rescue, ventilation, fire suppression, salvage, and firefighter survival. This is the fourth of four courses in the curriculum.

The student will need to provide: pen/pencil, notebook, PPE, SCBA with spare cylinder, and their copy of the PA Edition Entry Level Fire Training Skill Sheets book, which was provided the first day of the Introduction to the Fire Service class. This skill sheets book must remain in the possession of the student until the end of the Entry Level Fire Training program.

Course Number:	Location:	Day/s of Week:	Dates:	Times:	Instructor:
10581	ACFA	Saturdays	4/9 – 5/21	08:00 - 17:00	Pampena
10582	ACFA	Thurs thru Fri Weekdays Only	7/7– 7/15	08:00 - 17:00	ACFA Staff
10583	ACFA	Saturdays	8/27 – 10/15	08:00 - 17:00	Stack
10584	Forest Hills VFC	Tues/Thurs	8/23 – 10/11	18:30 - 22:30	TBA

Fire Dynamics: Fundamentals

3 Hours *Prerequisites: ELEF*

This 3-hour course provides the firefighter the basic knowledge to reinforce the evidence-based research conducted by Underwriters Laboratories (UL), National Institute of Standards and Technology (NIST), Alcohol Tobacco and Firearms (ATF) and other fire service organizations. This course introduces new terminology related to fire dynamics, legacy verse modern fuel loads, new construction techniques, flow paths, door control, and ventilation that all impact fire ground operations.

The student will need to provide: pen/pencil, notebook.

Course Number:	Location:	Day/s of Week:	Dates:	Times:	Instructor:
10585	ACFA	Saturday	5/7	08:00 – 11:00	TBA
10586	ACFA	Wednesday	7/13	08:00 – 11:00	ACFA Staff
10587	ACFA	Saturday	10/1	08:00 – 11:00	Stack
10588	Forest Hills VFC	Tuesday	9/27	18:30 – 21:30	TBA

ACFA 2022 Training Schedule
PA Entry Level Firefighter Program

Fire Dynamics: Strategy & Tactics with Demonstration

4 Hours **Prerequisites:** *FDF*

This 4-hour course provides the firefighter the basic knowledge of strategy and tactics and how to apply the evidence-based fire research conducted by Underwriters Laboratories (UL), National Institute of Standards and Technology (NIST), Alcohol Tobacco and Firearms (ATF) and other fire service organizations to fire ground operations. This course introduces new terminology related to fire dynamics, ventilation, flow paths, door control, transitional fire attack, basement fires, and new concepts for developing strategy and tactics. Students will also observe fire spread via improper ventilation, flow path identification, and positive pressure ventilation (PPV) using a “doll house” type structure.

The student will need to provide: pen/pencil, notebook.

Course Number:	Location:	Day/s of Week:	Dates:	Times:	Instructor:
10589	ACFA	Saturday	5/7	12:00 – 16:00	TBA
10590	ACFA	Wednesday	7/13	12:00 – 16:00	ACFA Staff
10591	ACFA	Saturday	10/1	12:00 – 16:00	Stack
10592	Forest Hills VFC	Thursday	9/29	18:30 – 22:30	TBA

Fire Dynamics: Observation (a.k.a. Flashover)

Allegheny County Treasurer Materials Fee: \$30.00

8 Hours **Prerequisites:** *FDST and ELIF or currently enrolled in one of ACFA’s 2022 ELIF courses or FF-I Certification or EBM with live burn and/or SBS. Also, the student must follow the PSFA Facial Hair Policy (i.e. “clean shaven wherever the SCBA face piece touches”) throughout the class.*

This course is designed to give the fire fighter the skills and knowledge that are required to recognize and understand the flashover stage of an interior compartment fire and a backdraft event caused by limited ventilation. The primary focus of this course is to give the student a thorough knowledge of flashover and pre-flashover conditions. The goal of this course is to teach the student how to deal with these conditions in a safe and productive manner. The ultimate outcome is to equip fire fighters with the skills to avoid becoming victims of these violent phenomena.

The student will need to provide: PPE and SCBA.

Course Number:	Location:	Day/s of Week:	Dates:	Times:	Instructor:
10593	ACFA	Saturday	5/14	08:00 – 17:00	TBA
10594	ACFA	Thursday	7/14	08:00 – 17:00	ACFA Staff
10595	ACFA	Saturday	10/8	08:00 – 17:00	Stack
10596	ACFA	Thurs/Tues	10/4 & 10/6	18:30 – 22:30	TBA

ACFA 2022 Training Schedule
PA Entry Level Firefighter Program

Advanced Firefighter (ELAF) (a.k.a. Fire Fighter II Prep)

24 Hours *Prerequisites: ELIF or EBM with live burn and/or SBS or FF –I Certification. Also, the student must follow the PSFA Facial Hair Policy (i.e. “clean shaven wherever the SCBA face piece touches”) throughout the class.*

This 24-hour course is designed to introduce seasoned firefighters to advanced fire ground operations including Building Construction, Fire Safety Surveys/Fire and Life Presentation, Generators, Lighting Equipment, Technical Rescue, Fire Protection Systems, Service Testing of Hose, Combustible Gas and Liquid Fire Control, Foam, Coordinating Fire Ground Operations Communications, and Advanced Origin, Cause and Arson. This is the fifth of the five (5) levels (courses) in the curriculum.

The student will need to provide: pen/pencil, notebook, PPE, SCBA with spare cylinder, and their copy of the PA Edition Entry Level Fire Training Skill Sheets book, which was provided the first day of the Introduction to the Fire Service class. This skill sheets book must remain in the possession of the student until the end of the Entry Level Fire Training program.

Course Number:	Location:	Day/s of Week:	Dates:	Times:	Instructor:
10597	ACFA	Tues/Thurs	3/8 – 3/24	18:30 – 22:30	TBA
10598	ACFA	Tues/Thurs	9/6 – 9/22	18:30 – 22:30	TBA

ACFA 2022 Training Schedule
Fire Fighting Courses

Building Construction Review

4 Hours *Prerequisites: IST or ELIS*

“Know your enemy, and the building is your enemy.” This famous quote is from Francis Brannigan, the guru of the subject, and author of *Building Construction for the Fire Service*. It is sad because it is painfully true. Firefighters risk is often directly related to the building that they are working in, and the methods and materials of the construction of the structure. This course will provide the learner with a review of the NFPA building categories but will also identify some new methods being used in construction which interior crews will need to identify. There will be activities to make it as local as possible. The focus of the course will be building construction for firefighter safety.

The student will need to provide: pen/pencil, notebook

Course Number:	Location:	Day/s of Week:	Dates:	Times:	Instructor:
10599	ACFA	Wednesday	1/12	18:30 - 22:30	TBA

Engine Company Operations I (ECOP)

16 Hours *Prerequisites: EBM or ELIF or FF-I Certification*

This 16-hour course provides instruction in the duties and responsibilities of an engine company. Topics include: positioning of apparatus, use of attack and back-up lines, search and rescue, and water supply.

The student will need to provide: pen/pencil, notebook, PPE and SCBA with spare cylinder.

Course Number:	Location:	Day/s of Week:	Dates:	Times:	Instructor:
10600	ACFA	Thursdays	4/7 – 4/28	18:30 - 22:30	Miller

ACFA 2022 Training Schedule
Fire Fighting Courses

Fire Dynamics: Fundamentals (FDF)

3 Hours *Prerequisites: Exterior Firefighter (ELEF)*

This 3-hour course provides the firefighter the basic knowledge to reinforce the evidence-based research conducted by Underwriters Laboratories (UL), National Institute of Standards and Technology (NIST), Alcohol Tobacco and Firearms (ATF) and other fire service organizations. This course introduces new terminology related to fire dynamics, legacy verse modern fuel loads, new construction techniques, flow paths, door control, and ventilation that all impact fire ground operations.

The student will need to provide: pen/pencil, notebook.

Course Number:	Location:	Day/s of Week:	Dates:	Times:	Instructor:
10585	ACFA	Saturday	5/1	08:00 – 11:00	TBA
10586	ACFA	Wednesday	7/14	08:00 – 11:00	ACFA Staff
10587	ACFA	Saturday	10/2	08:00 – 11:00	TBA
10588	Forest Hills VFC	Tuesday	9/29	18:30 – 21:30	TBA

Fire Dynamics: Strategy & Tactics and Demonstration (FDST)

4 Hours *Prerequisites: FDF*

This 4-hour course provides the firefighter the basic knowledge of strategy and tactics and how to apply the evidence-based fire research conducted by Underwriters Laboratories (UL), National Institute of Standards and Technology (NIST), Alcohol Tobacco and Firearms (ATF) and other fire service organizations to fire ground operations. This course introduces new terminology related to fire dynamics, ventilation, flow paths, door control, transitional fire attack, basement fires, and new concepts for developing strategy and tactics. Students will also observe fire spread via improper ventilation, flow path identification, and positive pressure ventilation (PPV) using a “doll house” type structure.

The student will need to provide: pen/pencil, notebook.

Course Number:	Location:	Day/s of Week:	Dates:	Times:	Instructor:
10589	ACFA	Saturday	5/1	12:00 – 16:00	TBA
10590	ACFA	Wednesday	7/14	12:00 – 16:00	ACFA Staff
10591	ACFA	Saturday	10/2	12:00 – 16:00	TBA
10592	Forest Hill VFC	Thursday	9/30	18:30 – 22:30	TBA

ACFA 2022 Training Schedule
Fire Fighting Courses

Fire Dynamics: Observation (a.k.a. Flashover Simulator)

Allegheny County Treasurer Materials Fee: \$30.00

8 Hours **Prerequisites:** *EBM with live fire and/or SBS or ELIF or FF-I Certification and Fire Dynamics: Strategies & Tactics*

This course is designed to give the fire fighter the skills and knowledge that are required to recognize and understand the flashover stage of an interior compartment fire and a backdraft event caused by limited ventilation. The primary focus of this course is to give the student a thorough knowledge of flashover and pre-flashover conditions. The goal of this course is to teach the student how to deal with these conditions in a safe and productive manner. The ultimate outcome is to equip fire fighters with the skills to avoid becoming victims of these violent phenomenons.

The student will need to provide: PPE, SCBA.

Course Number:	Location:	Day/s of Week:	Dates:	Times:	Instructor:
10593	ACFA	Saturday	5/8	08:00 – 17:00	TBA
10594	ACFA	Thursday	7/15	08:00 – 17:00	ACFA Staff
10595	ACFA	Saturday	10/9	08:00 – 17:00	TBA
10596	ACFA	Thurs/Tues	10/5 & 10/7	18:30 – 22:30	TBA

Fire Fighter I Prep

Allegheny County Treasurer Materials Fee: \$15.00

16 Hours **Prerequisites:** *ELIF or EBM with SBS*

This 16-hour course is designed to help the Fire Fighter in preparing for a Fire Fighter I Certification Exam. This course will cover the referenced textbook and will include the practical skill stations used for Fire Fighter I Certification.

The student will need to provide: pen/pencil, notebook, and current edition of any of the NFPA 1001 compliant textbooks, PPE, and SCBA with spare cylinder

Course Number:	Location:	Day/s of Week:	Dates:	Times:	Instructor:
10601	ACFA	Mon/Wed	5/2 – 6/1	18:30 - 22:30	Vita

ACFA 2022 Training Schedule
Fire Fighting Courses

Fire Fighter II Prep (a.k.a. Advanced Firefighter (ELAF))

24 Hours *Prerequisites:* **ELIF or EBM with SBS or FF –I Certification. Also, the student must follow the PSFA Facial Hair Policy (i.e. “clean shaven wherever the SCBA face piece touches”) throughout the class.**

This 24-hour course is designed to introduce seasoned firefighters to advanced fire ground operations including Building Construction, Fire Safety Surveys/Fire and Life Presentation, Generators, Lighting Equipment, Technical Rescue, Fire Protection Systems, Service Testing of Hose, Combustible Gas and Liquid Fire Control, Foam, Coordinating Fire Ground Operations Communications, and Advanced Origin, Cause and Arson. This is the fifth of the five (5) levels (courses) in the curriculum.

The student will need to provide: pen/pencil, notebook, PPE, SCBA with spare cylinder, and their copy of the PA Edition Entry Level Fire Training Skill Sheets book, which was provided the first day of the Introduction to the Fire Service class. This skill sheets book must remain in the possession of the student until the end of the Entry Level Fire Training program.

Course Number:	Location:	Day/s of Week:	Dates:	Times:	Instructor:
10597	ACFA	Tues/Thurs	3/8 – 3/24	18:30 – 22:30	TBA
10598	ACFA	Tues/Thurs	9/6 – 9/22	18:30 – 22:30	TBA

Fire Fighter Survival

16 Hours *Prerequisites:* **EBM or ELIF or FF-I Certification**

A physically demanding, comprehensive program dealing with the necessary knowledge and skills relative to rescue procedures needed for self-rescue. Emphasis will be placed on search techniques, communications, accountability/location and self-rescue procedures. Students must be in adequate physical condition to perform 100% of all practical exercises.

The student will need to provide: pen/pencil, notebook, TOG, SCBA with spare cylinder, PASS device.

Course Number:	Location:	Day/s of Week:	Dates:	Times:	Instructor:
10602	ACFA	Sat/Sun	5/14 & 5/15	18:30 - 22:30	Shaw

ACFA 2022 Training Schedule
Fire Fighting Courses

Forcible Entry

16 Hours *Prerequisites: EBM or ELIF or FF-I Certification*

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

The student will need to provide: pen/pencil, notebook, TOG, SCBA with spare cylinder, PASS device.

Course Number:	Location:	Day/s of Week:	Dates:	Times:	Instructor:
10603	ACFA	Wednesdays	3/30 – 4/20	18:30 - 22:30	Krzeminski

Structural Burn Session

Allegheny County Treasurer Materials Fee: \$30.00

16 Hours *Prerequisites: EBM or ELIF or FF-I Certification*

This course will provide the student with a review and application of the techniques used in safe firefighting practices in an actual fire environment. Emphasis is placed on safety for both interior and exterior operations.

The student will need to provide: pen/pencil, notebook, PPE, SCBA, with spare cylinder.

Course Number:	Location:	Day/s of Week:	Dates:	Times:	Instructor:
10604	ACFA	Tues/Thurs	5/3 - 5/12	18:30 – 22:30	TBA
10605	ACFA	Sat/Sun	7/23 & 7/24	08:00 - 17:00	TBA
10606	ACFA	Sat/Sun	9/17 & 9/18	08:00 - 17:00	TBA

Structural Fire Rescue (SFR)

16 Hours *Prerequisites: EBM or ELIF or FF-I Certification*

This course deals with the philosophy of fire ground rescue, victim handling techniques, search procedures, and the methods of removing victims form above and below grade situations.

The student will need to provide: pen/pencil, notebook, PPE, SCBA with spare cylinder.

Course Number:	Location:	Day/s of Week:	Dates:	Times:	Instructor:
10607	ACFA	Tues/Thurs	4/5 - 4/14	18:30 – 22:30	Petruzzi

ACFA 2022 Training Schedule
Fire Fighting Courses

Taking Action Against Cancer in the Fire and Emergency Services

3 Hours *Prerequisites: None*

This 3-hour class will educate firefighters and EMS personnel about their increased risk of developing cancer; encourage actions and behaviors to reduce or prevent exposure to occupational cancer hazards; encourage healthy lifestyle choices to further reduce cancer risk; and provide information about resources available to firefighters, EMS personnel and their families following a cancer diagnosis.

The student will need to provide: pen/pencil, notebook.

Course Number:	Location:	Day/s of Week:	Dates:	Times:	Instructor:
10566	ACFA	Wednesday	2/3	18:30 – 22:30	TBA
10567	ACFA	Wednesday	6/15	13:00 – 16:00	TBA
10568	ACFA	Wednesday	11/16	18:30 – 22:30	TBA

Truck Company Operations I (TRCO)

16 Hours *Prerequisites: EBM or ELIF or FF-I Certification*

Allegheny County Treasurer Materials Fee: \$25.00

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

The student will need to provide: pen/pencil, notebook, PPE, SCBA with spare cylinder.

Course Number:	Location:	Day/s of Week:	Dates:	Times:	Instructor:
10608	ACFA	Wednesdays	9/7 – 9/28	18:30 - 22:30	Miller/ Krzeminski

Truck Company Operations II (ATRC)

16 Hours *Prerequisites: TRCO* *Allegheny County Treasurer Materials Fee: \$25.00*

This course will allow the student to practice and further refine his/her ability to effectively and safely perform the fire ground duties normally assigned to truck companies

The student will need to provide: pen/pencil, notebook, PPE, SCBA with spare cylinder.

Course Number:	Location:	Day/s of Week:	Dates:	Times:	Instructor:
10609	ACFA	Wednesdays	10/5 – 10/26	18:30 - 22:30	Miller/ Krzeminski

ACFA 2022 Training Schedule Driver/Operator Courses

Emergency Vehicle Operator Training (EVOT)

16 Hours *Prerequisites:* **Minimum age of 18 by first day of class and a current & valid PA Driver's License**

A large number of emergency service personnel and civilians are injured and killed each year because of inappropriately driven emergency vehicles. Participants in this course will have the opportunity to gain and/or verify a broad range of competencies associated with the emergency vehicle driving. These competencies include basic understanding of emergency vehicle operations as well as the skills necessary for practical and safe application of driving on a competency course.

The student shall need to provide: pen/pencil, notebook, and must provide an emergency vehicle for the practical portion of the class.

Course Number:	Location:	Day/s of Week:	Dates:	Times:	Instructor:
10610	ACFA	Saturdays	4/2 & 4/3	08:00 - 17:00	DiGennaro
10611	ACFA	Saturdays	10/22 & 10/23	08:00 - 17:00	Klier

Pump Operations I (PUOP)

16 Hours *Prerequisites:* **ELFG or EBM and must be a minimum age of 18 by first day of class**

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

The student will need to provide: pen/pencil, notebook, and PPE.

Course Number:	Location:	Day/s of Week:	Dates:	Times:	Instructor:
10612	ACFA	Thurs/Sat/Thurs	3/24 – 3/31	18:30 - 22:30	Rex
10613	ACFA	Thurs/Sat/Thurs	9/29 – 10/6	18:30 - 22:30	Rex

Pump Operations II (PUOA)

16 Hours *Prerequisites:* **PUOP I**

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

The student will need to provide: pen/pencil, notebook, and PPE.

Course Number:	Location:	Day/s of Week:	Dates:	Times:	Instructor:
10614	ACFA	Thurs/Sat/Thurs	10/27 – 11/3	18:30 - 22:30	Rex

ACFA 2022 Training Schedule Technical Rescue Courses

NFPA – 1670 Vehicle Rescue Awareness (NVRA)

Allegheny County Treasurer Materials Fee: \$50.00

24 Hours **Prerequisite:** *Minimum age of 16 on the first day of class; PSFA approved or recognized Hazardous Materials Awareness or higher level of Hazardous Materials training or certification.*

This 24-hour course will provide an awareness-level of information and skills as it pertains to vehicle rescue incidents. Topics will include general vehicle rescue functions/operations; incident management of the vehicle accident/rescue incident; vehicle anatomy, design, and construction; recognition and control of hazards relative to a vehicle accident/rescue incident; and the tools and equipment used at a vehicle accident/rescue incident.

The student will need to provide: A notebook, pen or pencil, complete set of PPE consisting of helmet, gloves, footwear per either NFPA 1951 or NFPA 1971, eye protection per ANSI Z87.1, and hearing protection. A Jones & Bartlett, 2012 Edition, *Vehicle Extrication – Levels I & II* text book and a PA OSFC/BEMS *Vehicle Extrication Skills Sheet Book*, that will be issued at the first day of class, both of which must remain in the possession of the student until the end of the program.

Course Number:	Location:	Day/s of Week:	Dates:	Times:	Instructor:
10615	ACFA	Mon/Wed	3/7 – 3/23	18:30 – 22:30	Hartman
10616	ACFA	Mon/Thurs	9/12 – 9/29	18:30 – 22:30	Hartman

NFPA – 1670 Vehicle Rescue Operations (NVRO)

Allegheny County Treasurer Materials Fee: \$50.00

20 Hours **Prerequisites:** *Minimum of age 16 on the first day of class; Completion of NFPA 1670 Vehicle Rescue Awareness (NVRA) course; and PSFA approved or recognized Hazardous Materials Awareness or higher level of Hazardous Materials training or certification.*

This 20-hour course will provide an operations-level of information and skills as it pertains to vehicle rescue incidents. Topics will include: incident management; tools/equipment; vehicle anatomy/design; hazard control, patient access, care, and packaging; disentanglement; extrication and termination. Upon completion of the course, the student will be eligible to complete the PA Joint Rescue Program Basic Vehicle Rescue examination. Additionally, this course will prepare the student to challenge the IFSAC/Pro-Board national certification as a Vehicle Rescue Technician Level I in accordance with NFPA 1006.

The student will need to provide: A notebook, pen or pencil, complete set of PPE consisting of helmet, gloves, footwear per either NFPA 1951 or NFPA 1971, eye protection per ANSI Z87.1, and hearing protection. A Jones & Bartlett, 2012 Edition, *Vehicle Extrication – Levels I & II* textbook and a PA OSFC/BEMS *Vehicle Extrication Skills Sheet Book* both of which must remain in the possession of the student until the end of the program.

Course Number:	Location:	Day/s of Week:	Dates:	Times:	Instructor:
10617	ACFA	Mon/Wed	3/28 – 4/11	18:30 – 22:30	Hartman
10618	ACFA	Mon/Thurs	10/3 – 10/20	18:30 – 22:30	Hartman

ACFA 2022 Training Schedule
Technical Rescue Courses

Special Vehicle Rescue (SVR)

Allegheny County Treasurer Materials Fee: \$50.00

16 Hours **Prerequisites:** *DHVR or BVRT or BVRC or NVRO*

This course will prepare the student who is knowledgeable in basic vehicle rescue operations to deal with large scale vehicle accidents in a safe, effective, patient-oriented manner.

The student will need to provide: A notebook, pen or pencil, complete set of PPE consisting of helmet, gloves, footwear per either NFPA 1951 or NFPA 1971, eye protection per ANSI Z87.1, and hearing protection

Course Number:	Location:	Day/s of Week:	Dates:	Times:	Instructor:
10619	ACFA	Sat/Sun	10/29 & 10/30	08:00 – 17:00	Kline

ACFA 2022 Training Schedule Technical Rescue Courses

NFPA 1670 – Rope Rescue Operations¹

This series of three (3) courses:

1. Basic Rigging for Rope Rescue (ROBR)
2. Rope/High Angle Rescue I (RORE)
3. Rope/High Angle Rescue II (RORA)

Introduce the student to the procedures for rescues involving the movement of persons from one stable location to another, including, but not limited to, the following:

1. Sizing up existing and potential conditions at incidents where rope rescue operations will be performed
2. Assuring safety in rope rescue operations
3. Establishing the need for, selecting, and placing edge protection
4. Selecting, using, and maintaining rope rescue equipment and rope rescue systems
5. Configuring all knots, bends, and hitches
6. Selecting anchor points and equipment to construct anchor systems
7. Constructing and using single-point anchor systems
8. Constructing and using multiple-point anchor systems with regard to the potential increase in force that can be associated with their use
9. Selecting, constructing, and using a belay system
10. Selecting and using methods necessary to negotiate an edge or other obstacle that includes protecting all personnel working nearby from accidental fall
11. Ascending and descending a fixed line
12. Self-rescue
13. Selecting, constructing, and using a lowering system in both the low- and high-angle environments
14. Securing a patient in a litter
15. Attaching a litter to a rope rescue system and managing its movements
16. Selecting, constructing, and using rope-based mechanical advantage haul systems in both the low- and high-angle environments
17. Negotiating a loaded litter over an edge during raising and lowering operations

¹NFPA 1670.5 Rope Rescue. NFPA 1670: Standard on Operations and Training for Technical Search and Rescue Incidents, 2017 Edition. NFPA (© 2016)

The following are the description of the three (3) courses contained within NFPA 1670 Rope Rescue Operations:

ACFA 2022 Training Schedule
Technical Rescue Courses

Basic Rigging for Rope Rescue (ROBR)

16 Hours Prerequisites: ELIS or IST or EMR or EMT

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.

The student will need to provide: pen/pencil, notebook, helmet with chinstrap, clean leather gloves, and work or hiking type boots. Structural PPE is NOT acceptable. Students may supply additional personal or department owned equipment, but all such equipment is subject to inspection and/or rejection by the instructors prior to use. Students will also need a 15' piece of rope and 1-inch piece of tubular webbing for knot practice.

Course Nu10623mber:	Location:	Day/s of Week:	Dates:	Times:	Instructor:
10620	ACFA	Mon/Wed/Sat	3/21, 3/23 & 3/26	18:30 - 22:30/ 08:00 17:00	Kline

Rope/High Angle Rescue I (RORE)

16 Hours Prerequisites: ELIS or DOH First Responder or equivalent and must be a minimum of 18 years of age on the first day of class

This course introduces rope, basic rope construction, knots, safe rappelling techniques, and basic haul systems construction.

The student will need to provide: pen/pencil, notebook, helmet with chinstrap, clean leather gloves, and work or hiking type boots. Structural PPE is NOT acceptable. Students may supply additional personal or department owned equipment, but all such equipment is subject to inspection and/or rejection by the instructors prior to use.

Course Number:	Location:	Day/s of Week:	Dates:	Times:	Instructor:
10622	ACFA	Sat/Sun	4/2 & 4/3	08:00 – 17:00	Kline

ACFA 2022 Training Schedule
Technical Rescue Courses

Rope/High Angle Rescue II (RORA)

16 Hours Prerequisites: RORE

This course will be re-introducing to the various types of rescue equipment. Students will be trained in; mechanical advantage systems, safeties, basic ascending, basic rappelling technique and tie-offs with rappel rack, rope changes, and one-person rescue. The students will perform a low angle raise and lower evolutions simulating patient transport on embankments. Most of the program is hands-on and time is allotted for practice to build proficiency.

The student will need to provide: pen/pencil, notebook, helmet with chinstrap, clean leather gloves, and work or hiking type boots. Structural PPE is NOT acceptable. Students may supply additional personal or department owned equipment, but all such equipment is subject to inspection and/or rejection by the instructors prior to use.

Course Number	Location:	Day/s of Week:	Dates:	Times:	Instructor:
10623	ACFA	Sat/Sun	5/7 & 5/8	08:00 - 17:00	Kline

ACFA 2022 Training Schedule
Technical Rescue Courses

NFPA 1670 – Rope Rescue Technician²

This series of three (3) courses:

1. Advanced Rigging for Rope Rescue (ARRR)
2. Rope/High Angle Rescue III
3. Rope/High Angle Rescue IV

Introduce the student to the procedures for rope rescue incidents involving the movement of persons from one stable location to another, including, but not limited to, the following:

1. Accessing a patient using techniques that require rescuers to climb up or down natural or man-made structures, which can exposed the climber to a significant fall hazard
2. Using rope rescue systems to move a rescuer and a patient along a horizontal path above an obstacle or projection
3. Perform a high-angle rope rescue of a person suspended from, or stranded on, a structure or landscape feature
4. Applying the principles of the physics involved in constructing rope rescue systems, including system safety factors, critical angles, and the causes and effects of force multipliers.
5. Performing a high-angle rope rescue with a litter using tender(s) to negotiate obstacles, manipulate or position the patient, or provide medical care while being raised and lowered

²NFPA 1670.5 Rope Rescue. NFPA 1670: Standard on Operations and Training for Technical Search and Rescue Incidents, 2017 Edition. NFPA (© 2016)

The following are the description of the three (3) courses contained within NFPA 1670 Rope Rescue Technician:

ACFA 2022 Training Schedule
Technical Rescue Courses

Advanced Rigging for Rope Rescue (ARRR)

16 Hours Prerequisite: ROBR

Students in this course will be reintroduced to the basics of ROBR. Students will be trained in critical angles, advance vertical rigging, pickets, load distributing and load sharing anchor systems, tie backs, artificial anchors, improvised bi-pods, mono-pods and tri-pods rigging of a stokes basket for vertical lifts, passing knot in raising/lowering systems, deviations. Most of the program is hand on and time is allotted for practice to build proficiency.

The student will need to provide: pen/pencil, notebook, helmet with chinstrap, clean leather gloves, and work or hiking type boots. Structural PPE is NOT acceptable. Students may supply additional personal or department owned equipment, but all such equipment is subject to inspection and/or rejection by the instructors prior to use.

Course Number:	Location:	Day/s of Week:	Dates:	Times:	Instructor:
10621	ACFA	Mon/Wed/Sat	9/12, 9/14 & 9/17	08:00-17:00	Kline

Rope/High Angle Rescue III

16 Hours Prerequisites: RORE, RORA, and/or RORX

Students in this course will be re-introduced to the basics of RORE and RORA. Students will be trained in critical angles advanced vertical rigging, picketing, load distributing anchor systems, tie-backs, artificial anchors, rigging stokes for vertical lifts, passing a knot in a raising/lowering system, tying a patient into stokes while hanging on a vertical wall. Most of the program is hands on and time is allotted for practice to build proficiency.

The student will need to provide: pen/pencil, notebook, helmet with chinstrap, clean leather gloves, and work or hiking type boots. Structural PPE is NOT acceptable. Students may supply additional personal or department owned equipment, but all such equipment is subject to inspection and/or rejection by the instructors prior to use.

Course Number	Location:	Day/s of Week:	Dates:	Times:	Instructor:
10624	ACFA	Sat/Sun	10/1 & 10/2	08:00 - 17:00	Kline

ACFA 2022 Training Schedule
Technical Rescue Courses

Rope/High Angle Rescue IV

16 Hours Prerequisites: RORE, RORA, ROPE LEVEL III

Students in this course will be re-introduced to the basic skills of RORE, RORA, and ROPE LEVEL III. Students will be trained in critical angles as they pertain to high lines, single and dual rope high lines, English reeves, and the operations of high lines. Most of the program is hands on and time is allotted for practice to build proficiency.

The student will need to provide: pen/pencil, notebook, helmet with chinstrap, clean leather gloves, and work or hiking type boots. Structural PPE is NOT acceptable. Students may supply additional personal or department owned equipment, but all such equipment is subject to inspection and/or rejection by the instructors prior to use.

Course Number	Location:	Day/s of Week:	Dates:	Times:	Instructor:
10625	ACFA	Sat/Sun	10/15 & 10/16	08:00 - 17:00	Kline

ACFA 2022 Training Schedule
Technical Rescue Courses

Rope/High Angle Rescue V

16 Hours Prerequisites: RORE, RORA, ROPE LEVEL III, ROPE LEVEL IV

Students will be re-introduced to all phases of Rope/Vertical Rescues. This course is made up of multiple rescue scenarios. Students will be given a scenario with different students put in command and rotated to various other parts of the team to accomplish the rescues. At least 1 low angle, 1 vertical, 1 highline, and 1 English reeves. Most of the program is supervised hands-on in order to build proficiency.

The student will need to provide: pen/pencil, notebook, helmet with chinstrap, clean leather gloves, and work or hiking type boots. Structural PPE is NOT acceptable. Students may supply additional personal or department owned equipment, but all such equipment is subject to inspection and/or rejection by the instructors prior to use.

Course Number	Location:	Day/s of Week:	Dates:	Times:	Instructor:
10626	ACFA	Sat/Sun	11/19 & 11/20	08:00 - 17:00	Kline

Rope/High Angle Rescue VI

16 Hours Prerequisites: RORE, RORA, ROPE LEVEL III, ROPE LEVEL IV

Students in this class will be re-introduced to the basics during adverse conditions, tying knots, basic rappel, tie-off, ascend, change ropes, self-rescue, stokes tie-in, raising, lowering systems, and rescue scenarios, of low angle evacuation, vertical raise and lower, English reeves. Much of the program is hands-on and time is allotted for additional practice.

The student will need to provide: pen/pencil, notebook, helmet with chinstrap, clean leather gloves, and work or hiking type boots. Structural PPE is NOT acceptable. Students may supply additional personal or department owned equipment, but all such equipment is subject to inspection and/or rejection by the instructors prior to use.

Course Number	Location:	Day/s of Week:	Dates:	Times:	Instructor:
10627	ACFA	Sat/Sun	1/28 & 1/29	20:00 - 05:00	Kline

ACFA 2022 Training Schedule
Technical Rescue Courses

Confined Space Rescue (CSR)

16 Hours Prerequisites: RORE and REPR or DHBR and a minimum of age 18 on the first day of class

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

The student will need to provide: pen/pencil, notebook, helmet with chinstrap, clean leather gloves, and work or hiking type boots. Structural PPE is NOT acceptable. Students may supply additional personal or department owned equipment, but all such equipment is subject to inspection and/or rejection by the instructors prior to use.

Course Number:	Location:	Day/s of Week:	Dates:	Times:	Instructor:
10628	ACFA	Tues/Thurs	5/3 – 5/12	18:30 - 22:30	Pampena

Confined Space Rescue Refresher (CSRR)

8 Hours Prerequisites: CSR

This course is for rescue personnel who will be making rescues form limited types of confined spaces. This includes vertical spaces where the opening is easy to move through; the entrant is visible from the opening and is easy to remove; and the hazards are minimal. These types of rescues will require the use of a self-contained breathing apparatus. This course shall only be taken as a refresher to Confined Space Rescue.

The student will need to provide: pen/pencil, notebook, helmet with chinstrap, clean leather gloves, and work or hiking type boots. Structural PPE is NOT acceptable. Students may supply additional personal or department owned equipment, but all such equipment is subject to inspection and/or rejection by the instructors prior to use.

Course Number:	Location:	Day/s of Week:	Dates:	Times:	Instructor:
10629	ACFA	Sunday	5/1	08:00 – 17:00	Pampena

ACFA 2022 Training Schedule
Technical Rescue Courses

Structural Collapse Operations Level I (SCOA)

4 Hours **Prerequisites:** *ELIS or IST or EMR or EMT*

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

The student will need to provide: pen/pencil, notebook.

Course Number:	Location:	Day/s of Week:	Dates:	Times:	Instructor:
10630	ACFA	Wednesday	3/16	18:30 - 22:30	Moore

Structural Collapse Operations Level II (SCOF)

Allegheny County Treasurer Materials Fee: \$75.00

16 Hours **Prerequisites:** *SCOA and a minimum age of 18 on the first day of class*

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

The student will need to provide: pen/pencil, notebook, helmet with chinstrap, clean leather gloves, and work or hiking type boots. Structural PPE is NOT acceptable. Students may supply additional personal or department owned equipment, but all such equipment is subject to inspection and/or rejection by the instructors prior to use.

Course Number:	Location:	Day/s of Week:	Dates:	Times:	Instructor:
10631	ACFA	Sat/Sun	3/19 & 3/20	08:00 - 17:00	Moore

ACFA 2022 Training Schedule
Technical Rescue Courses

Trench Rescue Awareness (TRRA)

4 Hours Prerequisites: None

Students will be able to perform size up and control hazards at a trench emergency. The student will be able to recognize the general hazards associated with trench and excavation emergencies and procedures necessary to evaluate these hazards. They will learn how to identify the resources necessary to conduct safe, effective trench and excavation emergency operations, as well as how to develop and implement procedures to activate the emergency response system and manage the site. Additional topics will include typical trench and excavation collapse patterns, secondary collapse conditions, hazards of shifting soil and procedures for rapid, non-entry extrication.

The student will need to provide: pen/pencil, notebook.

Course Number:	Location:	Day/s of Week:	Dates:	Times:	Instructor:
10632	ACFA	Wednesday	5/11	18:30 - 22:30	Firich

Trench Rescue Operations (TRRE) *Allegheny County Treasurer Materials Fee: \$75.00*

16 Hours Prerequisites: *ELIS or IST or EMR or higher or equivalent discipline-specific training in occupational safety and a minimum of 18 years of age on the first day of class.*

This 16-hour course will introduce the student to the knowledge and skills necessary to safely and effectively perform complex rescue operations in collapsed trench excavations. Course work will include practical drills and demonstration in simulated trench excavations.

The student will need to provide: pen/pencil, notebook, helmet with chinstrap, clean leather gloves, and work or hiking type boots. Structural PPE is NOT acceptable. Students may supply additional personal or department owned equipment, but all such equipment is subject to inspection and/or rejection by the instructors prior to use.

Course Number:	Location:	Day/s of Week:	Dates:	Times:	Instructor:
10633	ACFA	Sat/Sun	5/14 & 5/15	08:00 - 17:00	Firich

ACFA 2022 Training Schedule
Technical Rescue Courses

Water Rescue for the First Responder Awareness Level – NFPA 1670 Awareness Level (WRFR-A)

3 Hours Prerequisites: A minimum of 18 years of age on the first day of class

The program goal is to will familiarize the rescuer with the proper procedures used in water rescue. This is a 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.

The student will need to provide: pen/pencil, notebook.

Course Number:	Location:	Day/s of Week:	Dates:	Times:	Instructor:
10634	ACFA	Wednesday	3/30	18:30 - 21:30	Butterfield

Water Rescue and Emergency Response – NPFA 1670 Operations Level (WRER)

16 Hours Prerequisite: Minimum of age 18 on the first day of class; Able to swim and meet the PFBC Swim Standard Guidelines for curriculum

The program goals are to: familiarize the rescuer with the proper procedures used in basic water safety and safe boat handling; having the rescuer demonstrate a proficiency in water rescue relative to individual capabilities; and provide the rescuer with competency in dealing with on-the-water emergencies.

The student will need to provide: pen/pencil, notebook, USCG approved personal flotation device (PFD), properly outfitted water rescue helmet, and proper PPE (i.e. dry suit, water rescue boots, etc.).

Course Number:	Location:	Day/s of Week:	Dates:	Times:	Instructor:
10635	ACFA	Sat/Sun	4/2 & 4/3	08:00 – 17:00	Butterfield

ACFA 2022 Training Schedule
Technical Rescue Courses

Emergency Boat Operations & Rescue – NFPA 1670 Technician Level (EBOR)
16 Hours Prerequisite: WRER and PA Basic Boating Certificate or NASBLA approved equivalent.

Classroom and practical hands-on training in boat selection, recommended equipment, boat-handling, moving-water tactics, and boat-rescue techniques. Course meets NFPA 1670 technician level guidelines.

The student will need to provide: pen/pencil, notebook, USCG approved personal flotation device (PFD), properly outfitted water rescue helmet, and proper PPE (i.e. dry suit, water rescue boots, etc.).

Course Number:	Location:	Day/s of Week:	Dates:	Times:	Instructor:
10636	ACFA	Sat/Sun	5/28 & 5/29	08:00 – 17:00	Butterfield

Ice Rescue & Emergency Response – NFPA 1670 Technician Level (IRER)
16 Hours Prerequisite: WRER

The goal of this program is designed to familiarize the rescuer with the safest and most effective method of dealing with an ice emergency. Classroom and practical hands-on training includes: how to evaluate and respond to ice related emergencies; how to identify ice conditions; use of ice rescue equipment; and ice rescue techniques (self, shore, boat, and direct contact).

The student will need to provide: Note taking material, USCG approved PFD, water rescue helmet, appropriate PPE (dry suit or ice rescue suit if available) and thermal layering.

Course Number:	Location:	Day/s of Week:	Dates:	Times:	Instructor:
10637	ACFA	Sat/Sun	1/22 & 1/23	08:00 – 17:00	Butterfield

Advanced Line Systems Rescue – NFPA 1670 Technician Level (ALSR)
16 Hours Prerequisite: WRER

This program includes classroom and practical hands-on training. Students learn to select the appropriate line system for the situation, establish and operate the system, effect the rescue or recovery, and to tear down the system. Subjects include line and hardware equipment, knots, and advanced line systems techniques

The student will need to provide: pen/pencil, notebook, USCG approved personal flotation device (PFD), properly outfitted water rescue helmet, and proper PPE (i.e. dry suit, water rescue boots, etc.).

Course Number:	Location:	Day/s of Week:	Dates:	Times:	Instructor:
10638	ACFA	Sat/Sun	9/17 & 9/18	08:00 – 17:00	Butterfield

ACFA 2022 Training Schedule
Hazardous Materials/Terrorism Courses

Hazardous Materials Awareness (HMAJB)

4 Hours Prerequisites: None

The primary target audience for this 4-hour course are the First Responders charged with response actions associated with hazardous materials releases. Students will learn and adapt the knowledge and skill requirements for effective scene and response management. The goal of this program is to provide the First Responder with the training needed to comply with NFPA 472 Chapter 4 Competencies for the First Responder at the Awareness Level, and 29 CFR 1910.120 OSHA’s Hazardous Waste Operations and Emergency Response, (HAZWOPER), First Responder Awareness Level. This program is designed to give the first responder the necessary skills to handle hazardous materials emergencies.

Each student should have a copy of the textbook: Jones & Bartlett’s “Hazardous Materials Awareness and Operations, Second Edition” (ISBN #: 978-1-4496-4154-2) that must remain in the possession of the student throughout the entire course. If your fire department does not have a copy, it is available through the Western PA Fireman’s Association at www.wpfa.org. For those students that are unable to obtain a copy through their fire department, the ACFA will LOAN the student a copy of the textbook that must be returned upon completion of the class. If the textbook is no returned or damaged beyond operability the student/fire department will be charged for the replacement of the textbook.

The student will need to provide: pen/pencil, notebook.

Course Number:	Location:	Day/s of Week:	Dates:	Times:	Instructor:
10562	Forest Hills VFC	Tuesday	3/1	08:00 - 12:00	Klier
10563	ACFA	Saturday	3/5	18:30 - 22:30	McDonald
10564	ACFA	Tuesday	6/14	08:00 - 12:00	McDonald
10565	ACFA	Saturday	8/13	08:00 - 12:00	DiGennaro

ACFA 2022 Training Schedule
Hazardous Materials/Terrorism Courses

Hazardous Materials Operations (HMOJB)

24 Hours **Prerequisites:** *Minimum age of 16 by first day of class; Also, the student must follow the PSFA Facial Hair Policy (i.e. “clean shaven wherever the SCBA face piece touches”) throughout the class.*

The primary target audience for this 24-hour course are the First Responders charged with response actions associated with hazardous materials releases. Students will learn and adapt the knowledge and skill requirements for effective scene and response management. This program is designed to train and educate the student in hazardous materials response at the Hazardous Materials Operations level and in accordance with NFPA 472 of 2008 and 29 CFR 1910.120. This program is designed to give the first responder the necessary skills to handle hazardous materials emergencies.

Each student should have a copy of the textbook: Jones & Bartlett’s “Hazardous Materials Awareness and Operations, Second Edition” (ISBN #: 978-1-4496-4154-2) that must remain in the possession of the student throughout the entire course. If your fire department does not have a copy, it is available through the Western PA Fireman’s Association at www.wpfa.org. For those students that are unable to obtain a copy through their fire department, the ACFA will LOAN the student a copy of the textbook that must be returned upon completion of the class. If the textbook is no returned or damaged beyond operability the student/fire department will be charged for the replacement of the textbook.

The student will need to provide: pen/pencil, notebook, and job function appropriate PPE & respiratory protection.

Course Number:	Location:	Day/s of Week:	Dates:	Times:	Instructor:
10577	ACFA	Saturdays	3/19 – 4/2	08:00 - 17:00	McDonald
10578	ACFA	Fri/Tues/Wed Weekdays Only	7/1 -7/6	08:00 - 17:00	DiGennaro
10579	ACFA	Saturdays	8/6 – 8/20	08:00 - 17:00	Klier
10580	Forest Hills VFC	Tues/Thurs	8/2 - 8/18	18:30 - 22:30	Klier

ACFA 2022 Training Schedule
Hazardous Materials/Terrorism Courses

Hazardous Materials Operations Refresher (HMORJB)

6 Hours **Prerequisites:** *HMO or equivalent; Minimum age of 16 by first day of class; Also, the student must follow the PSFA Facial Hair Policy (i.e. “clean shaven wherever the SCBA face piece touches”) throughout the class.*

The primary target audiences for this 6-hour course are the First Responders who have successfully completed a Hazardous Materials Operations course. The Student will review the knowledge and skill requirements for effective scene and response management. This course will provide the First Responder with the training needed to comply with NFPA 472, Chapter 4 Competencies for the First Responder at the Operational Level, and 29 CFR 1910.120 OSHA’s Hazardous Waste Operations and Emergency Response (HAZWOPER), First Responder Operations Level annual refresher training.

Each student should have a copy of the textbook: Jones & Bartlett’s “Hazardous Materials Awareness and Operations, Second Edition” (ISBN #: 978-1-4496-4154-2) that must remain in the possession of the student throughout the entire course. If your fire department does not have a copy, it is available through the Western PA Fireman’s Association at www.wpfa.org. For those students that are unable to obtain a copy through their fire department, the ACFA will LOAN the student a copy of the textbook that must be returned upon completion of the class. If the textbook is no returned or damaged beyond operability the student/fire department will be charged for the replacement of the textbook.

The student will need to provide: pen/pencil, notebook, and job function appropriate PPE & respiratory protection.

Course Number:	Location:	Day/s of Week:	Dates:	Times:	Instructor:
10639	ACFA	Saturday	1/15	08:00 – 15:00	DiGennaro
10640	ACFA	Saturday	10/8	08:00 - 15:00	Klier

ACFA 2022 Training Schedule
Hazardous Materials/Terrorism Courses

Hazardous Materials Technician Refresher (HMTR)

8 Hours **Prerequisites:** *HMT; Minimum age of 18 by first day of class; Also, the student must follow the PSFA Facial Hair Policy (i.e. “clean shaven wherever the SCBA face piece touches”) throughout the class.*

This course will provide students with 8 hours of review on knowledge of the emergency responder at the operations level. Information gained in this program will include most importantly, the health and safety of the responder and hazardous materials management systems. Hazard and risk evaluation, the proper choice/use of personnel protective clothing, and equipment will also be explained and covered in field exercises. The need for information management and resources coordination, along with implementation of response objectives, decontamination, and terminating the incident will be explained in class and supported with practical exercise.

The student will need to provide: pen/pencil, notebook.

Course Number:	Location:	Day/s of Week:	Dates:	Times:	Instructor:
10641	ACFA	Saturday	5/7	08:00 - 17:00	Klier

ACFA 2022 Training Schedule
PSFA AOTR AEER Courses

**PSFA ACADEMY ON THE ROAD ALTERNATIVE ENERGY EMERGENCY
RESPONSE TRAINING PROGRAMS**

The following *Alternative Energy Emergency Response (AEER)* programs except for the Hazardous Materials Technician and Technician Refresher training classes are provided FREE of charge at your location by the Pennsylvania State Fire Academy. Most classes offered are also pre-approved for Department of Health Continuing Education Credit hours.

Air Monitoring for First Responders (AMFR)

4 hours *Prerequisite: None*

This FREE program will describe the unseen hazards requiring early air monitoring to assure a safe environment while operating at incidents where atmospheric conditions are potentially harmful. A combination of lecture and discussion will focus on hazards associated with responding to an incident. Hands-on exercises include the use and interpretation of single gas, multi-gas, and photoionization detectors (PID) available to departments.

The student will need to provide: pen/pencil, notebook.

Course Number:	Location:	Day/s of Week:	Dates:	Times:	Instructor:
10642	ACFA	Saturday	1/29	18:30 - 22:30	TBA

Foam – Ethanol Technician Level I (FEUT)

8 hours *Prerequisite: None*

This FREE 1-day program covers a range of issues including foam equipment, foam types, foam application and provides an opportunity to utilize the latest foam equipment. This class is an excellent follow-up program to the “*Responding to Ethanol Incidents*” (RTEI) Class but can be scheduled as a stand-alone program.

The student will need to provide: pen/pencil, notebook.

Course Number:	Location:	Day/s of Week:	Dates:	Times:	Instructor:
10643	ACFA	Saturday	4/2	08:00 – 17:00	TBA

ACFA 2022 Training Schedule
PSFA AOTR AEER Courses

Natural Gas Vehicles and Fueling Stations for First Responders (NGVF)

6 hours Prerequisite: None

This FREE program introduces the different types of gaseous (CNG, LNG, LPG) fueled vehicles, fueling stations and the fueling station safety systems. During the class, first responders will learn how to recognize CNG, LNG, and LPG, their properties, current gaseous fuel vehicles and natural gas vehicle components. The class also reviews how first responders should approach and assess a natural gas vehicle or fueling station incident, required personal protective equipment for responding to an incident, general firefighting measures, and extrication.

The student will need to provide: pen/pencil, notebook.

Course Number:	Location:	Day/s of Week:	Dates:	Times:	Instructor:
10644	ACFA	Saturday	2/26	18:30 – 21:30	TBA

Responding to Ethanol Incidents (RTEI)

8 hours Prerequisite: None

This FREE 1-day program utilizes curriculum from the International Association of Fire Chiefs that covers a range of issues including ethanol and blended fuels, transportation of ethanol blended fuels, storage, dispensing and firefighting foam principles for ethanol blended fuels. Traditional methods of firefighting against hydrocarbon (gasoline) fires have been found to be ineffective against these polar solvent-type (ethanol-blended) fuels so new tactics must be utilized.

The student will need to provide: pen/pencil, notebook.

Course Number:	Location:	Day/s of Week:	Dates:	Times:	Instructor:
10645	ACFA	Saturday	2/5	08:00 – 17:00	TBA

ACFA 2022 Training Schedule Command/Officer Courses

Basic Fire Police (BFPO)

16 Hours **Prerequisites:** *Minimum age of 18 by first day of class; IS-100.B: Introduction to Incident Command System, ICS-100.*

This course provided instruction on the proper method to be appointed, the laws pertaining to fire police, fire polices powers, and the expected duties of a new fire police officer.

Each student should have a copy of the textbook: “*Basic Fire Police Student Manual – Fall 2015*” that must remain in the possession of the student throughout the entire course. The manual is copyrighted and cannot be reproduced without permission from the PA State Fire Academy. The Somerset/Cambria County Fire Police Association has the rights to duplicate and distribute this manual for courses. If your fire department does not have a copy, it is available through them at: <http://www.scfpassn.com/> For those students that are unable to obtain a copy through their fire department, the ACFA will LOAN the student a copy of the text book that must be returned upon completion of the class. If the textbook is no returned or damaged beyond operability the student/fire department will be charged for the replacement of the textbook.

The student will need to provide: pen/pencil, notebook.

Course Number:	Location:	Day/s of Week:	Dates:	Times:	Instructor:
10646	ACFA	Sat/Sun	2/19 & 2/20	08:00 – 17:00	DiGennaro

Advanced Fire Police (FIPA)

16 Hours **Prerequisites:** *FIPO or BFPO*

This course expands on the knowledge, skills and abilities presented in the Basic Fire Police curriculum and provides fire police officers with more advanced training for leadership positions within fire police organizations. This course provides instructional review of the laws pertaining to fire police powers and the expected duties of a fire police officer to include health and safety and legal aspects of performance. Fire Police Officers will also be taught how to deal with people, how to manage incident response and leadership qualities. Tabletop scenarios will be presented to reinforce the lessons introduced regarding incident management and response.

Each student should have a copy of the textbook: “*Advanced Fire Police Student Manual – Fall 2015*” that must remain in the possession of the student throughout the entire course. The manual is copyrighted and cannot be reproduced without permission from the PA State Fire Academy. The Somerset/Cambria County Fire Police Association has the rights to duplicate and distribute this manual for courses. If your fire department does not have a copy, it is available through them at: <http://www.scfpassn.com/> For those students that are unable to obtain a copy through their fire department, the ACFA will LOAN the student a copy of the text book that must be returned upon completion of the class. If the textbook is no returned or damaged beyond operability the student/fire department will be charged for the replacement of the textbook.

The student will need to provide: pen/pencil, notebook.

Course Number:	Location:	Day/s of Week:	Dates:	Times:	Instructor:
10647	ACFA	Sat/Sun	11/19 & 11/20	08:00 – 17:00	DiGennaro

ACFA 2022 Training Schedule
Command/Officer Courses

Fire Officer I with Certification *Allegheny County Treasurer Certification Fee: \$75.00*
40 Hours *Prerequisites: FF II, FSI-I, ICS or NICS-FS or NICS-EMS or IS -100 & IS-200, and current HMO*

An original completed typed or .pdf filled PSFA FO-I certification application must also be received at the ACFA no later than two (2) weeks prior to the start of class. Limited to 20 students.

This program is designed to prepare experienced fire fighters and officers for the task of becoming better trained as fire officers. This 40-hour program will emphasize the necessary skills for managing people, fire stations, and fire ground incidents. Certification is included.

The student will need to provide: pen/pencil, notebook, computer with internet access.
Textbook: Jones and Bartlett, Fire Officer, 3rd. Edition. ISBN-13: 9781284070262

Course Number:	Location:	Day/s of Week:	Dates:	Times:	Instructor:
10648	ACFA	Sat/Sun (Some Online/Blended) Every Other Weekend	10/1, 10/2 10/15, 10/16 Test 10/29	08:00 - 19:00	Jones

Fire Officer II with Certification *Allegheny County Treasurer Certification Fee: \$25.00*
40 Hours *Prerequisites: FO-I, FSI-I, ICS or NICS-FS or NICS-EMS, or IS-100 & IS-200, and current HMO*

An original completed typed or .pdf filled PSFA FO-II certification application must also be received at the ACFA no later than two (2) weeks prior to the start of class. Limited to 20 students.

This course is to provide officers at the second level of progression with the knowledge and skills to meet the minimum job performance requirements for paid and volunteer fire officers. Fire Officer II candidates must demonstrate the depth of knowledge and skills necessary to function under general supervision. A person trained at the Fire Officer II level will function safely and effectively as an integral member of a team of equally or less experienced firefighters to accomplish a series of tasks. Certification will be obtained at the end of the program.

The student will need to provide: pen/pencil, notebook, computer with internet access.
Textbook: Jones and Bartlett, Fire Officer, 3rd. Edition. ISBN-13: 9781284070262

Course Number:	Location:	Day/s of Week:	Dates:	Times:	Instructor:
10649	ACFA	Sat/Sun (Some Online/Blended) Every Other Weekend	11/12, 11/13, 11/19, 11/20 Test 12/3	08:00 - 19:00	Jones

ACFA 2022 Training Schedule Command/Officer Courses

ICS Tabletop Exercises

8 Hours *Prerequisites:* None

Are you ready? So, you have just been elected as new line officer for your company – are you ready to make the decisions of an incident commander? Your chief can not be at every call and that white helmet or shield with bugles means that you are in charge. Are you ready? Maybe you have been chief for a long time, but with less fires. When is the last time that you served as incident commander of a working incident? Are you ready for your next call? This class is for you – it will help you get ready by setting up detailed scenarios with Tabletop Models. You will be asked to perform size up, recognize hazards, assign resources, address changing and dynamic situations, and feel the pressure of command all while remaining in the classroom.

The student will need to provide: pen/pencil, notebook.

Course Number:	Location:	Day/s of Week:	Dates:	Times:	Instructor:
10650	ACFA	Saturday	2/5	08:00 – 17:00	Krzeminski
10651	ACFA	Saturday	11/19	08:00 – 17:00	Krzeminski

Incident Safety Officer (NFA)

16 Hours *Prerequisites:* NICS-FS or NICS-EMS or ICS, and HMO

This course focuses on the duties of the person who finds himself or herself in the role of the responding safety officer at the scene of an incident. It is an incident-specific, scene-oriented course designed to teach what a safety officer on the scene needs to know and can do, using scenarios to convey instructional points. Students should be experienced company officers, familiar with safety issues, the ICS, Haz-Mat Management, and applicable NFPA standards and federal regulations. Certification can be voluntarily obtained at the end of the program.

The student will need to provide: pen/pencil, notebook.

Course Number:	Location:	Day/s of Week:	Dates:	Times:	Instructor:
10652	ACFA	Saturdays	2/12 & 2/19	08:00 – 17:00	Kaiser

ACFA 2022 Training Schedule
Command/Officer Courses

Introduction to Fire Officership

16 Hours Prerequisites: EBM or ELIF, or FF-I Certification

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

The student will need to provide: pen/pencil, notebook

Course Number:	Location:	Day/s of Week:	Dates:	Times:	Instructor:
10653	ACFA	Tues/Thurs	6/7 – 6/16	18:30 - 22:30	Krzeminski/ Kaiser

ACFA 2022 Training Schedule
Instructor/Evaluator Courses

Educational Methodology for Local Level Instructor (EMLL) with Fire Service Instructor - I Certification *Allegheny County Treasurer Certification Fee: \$75.00*
40 Hour *Prerequisites: 18 years of age and certification in the basic public safety area that the student is interested in instructing.*

An original completed typed or .pdf filled PSFA FSI-I certification application must also be received at the ACFA no later than two (2) weeks prior to the start of class. Limited to 20 students.

This 40-hour course provides students with the necessary background in educational theory and practices needed to present PA State Fire Academy local level training programs. Through lectures, demonstrations, discussions and at least three oral presentations, the students are evaluated by state and local fire supervisory personnel to determine their readiness to provide instruction at the local level. Students will also have online assignments, basic computer skills with word processing and presentation software (ie Power Point) are strongly recommended.

The student will need to provide: pen/pencil, and notebook. Textbook: *IFSTA, Fire and Emergency Services Instructor*, 9th edition. ISBN: 978-0-87939-441-7

Course Number:	Location:	Day/s of Week:	Dates:	Times:	Instructor:
10654	ACFA	Sat/Sun (Some Online/Blended) Every Other Weekend	3/5, 3/6 3/19, 3/20 Test 4/3	08:00-19:00	Skertich

ACFA 2022 Training Schedule
Instructor/Evaluator Courses

Fire and Emergency Services Instructor II with Certification

Allegheny County Treasurer Certification Fee: \$75.00

40 Hours Prerequisites: EMLL and FSI-I Certification

An original completed typed or .pdf filled PSFA FSI-II certification application must also be received at the ACFA no later than two (2) weeks prior to the start of class. Limited to 20 students.

The purpose of this program is to identify emergency service personnel who demonstrate the knowledge of, and skill competency related to adult instruction. The NFPA Standard for Fire Service Instructor Professional Qualifications identifies the minimum requirements for a person at the second level of progression. A person certified at the Fire Service Instructor II level will have demonstrated the ability to coordinate other instructors and to develop lesson plans and instructional aids based on a task analysis. An instructor at this level is also capable of using various teaching methods. Students will also have online assignments, basic computer skills with word processing and presentation software (ie Power Point) are strongly recommended

The student will need to provide: pen/pencil, notebook. Textbook: *IFSTA, Fire and Emergency Services Instructor*, 9th edition. ISBN: 978-0-87939-441-7

Course Number:	Location:	Day/s of Week:	Dates:	Times:	Instructor:
10655	ACFA	Sat/Sun (Some Online/Blended) Every Other Weekend	4/23, 4/24 5/21, 5/22 Test 6/8	08:00-17:00	Skertich

ACFA 2022 Training Schedule Instructor/Evaluator Courses

“NEW” Evaluator Training Workshop

Prerequisites: MUST have five (5) years’ experience (from age 18) in an applicable emergency services field or in the specialty area to be evaluated; MUST be nationally certified (Pro-Board and/or IFSAC) at the level seeking to evaluate NFPA Level

Are you interested in becoming a certification evaluator for the PA State Fire Academy’s Certification Program? At this time, there are not any New Evaluator Training Workshop programs scheduled. However, the PSFA is receiving requests for people interested in attending one. The PSFA Certification Staff is looking for individuals interested in becoming certification evaluators. Individuals attending this program learn the appropriate techniques to evaluate candidates during skill performance testing. Emphasis is on professionalism, conduct, and quality testing will be stressed. To be notified of the New Evaluator Training Workshop Program(s) once scheduled, please use the link below to register:

FOLLOW THIS LINK --> [NEW EVALUATOR TRAINING REQUEST](#)

PLEASE NOTE: You may not be able to access the form on every computer due to restrictions on your network (i.e. work, organization, government). If you are unable to access the form, we encourage you to forward the email to your personal computer to complete the form. In the event you have no other means of accessing the form, please contact Michael McBride, Jr, Certification Program Specialist, PA State Fire Academy, 1150 Riverside DR, Lewistown, PA 17044, Phone: (717) 247-3744, E-mail: MMcBrideJr@PA.gov, so that alternative method can arrange or any questions may be answered.

Evaluator’s Workshop

Online Prerequisites: Current PSFA Evaluator

The annual workshop is a requirement for all current evaluators who wish to continue evaluating in the PA State Fire Commissioner’s Voluntary Fire Service Certification Program. The purpose of this workshop is to provide evaluators with standardized information regarding the certification program. Information focuses on changes in administrative policies and procedures, skill sheets and the NFPA standards which pertain to the evaluation process for certification testing. Individuals attending this program will demonstrate an understanding of the administration and goals of the PA Certification Program; and their ability to evaluate fairly, consistently and safely.

PLEASE NOTE: We have been informed by the PA OSFA Certification Office that the 2022 Evaluator workshop shall be only in the virtual format on TRAIN PA. Please contact Michael McBride, Jr, Certification Program Specialist, PA State Fire Academy, 1150 Riverside DR, Lewistown, PA 17044, Phone: (717) 247-3744, E-mail: MMcBrideJr@PA.gov, if you have any questions or concerns.

ACFA 2022 Training Schedule
Instructor/Evaluator Courses

Instructor/Evaluator’s Annual Update Meeting

2 Hours **Prerequisites:** *Current PSFA Instructor and/or Evaluator*

This annual update meeting is optional for all current PSFA Instructors and/or Evaluators that work at the Allegheny County Emergency Services Fire Academy to review current policies and procedures and updates to the facility. Representatives from the ACFA Staff, ACES Administration, CCAC-PSI, and PSFA shall be on hand to give insight and answer questions.

Course Number:	Location:	Day/s of Week:	Dates:	Times:	Instructor:
10656	ACFA & MS Teams	Saturday	1/29	08:00-10:00	ACES, CCAC, and PSFA Staff

Hazardous Materials Operations Refresher (HMORJB)

6 Hours **Prerequisites:** *HMO or equivalent; Also, the student must follow the PSFA Facial Hair Policy (i.e. “clean shaven wherever the SCBA face piece touches”) throughout the class.*

This CLOSED offering is intended ONLY for those attending the Annual Instructor/Evaluator Workshop

The primary target audiences for this 6-hour course are the First Responders who have successfully completed a Hazardous Materials Operations course. The Student will review the knowledge and skill requirements for effective scene and response management. This course will provide the First Responder with the training needed to comply with NFPA 472, Chapter 4 Competencies for the First Responder at the Operational Level, and 29 CFR 1910.120 OSHA’s Hazardous Waste Operations and Emergency Response (HAZWOPER), First Responder Operations Level annual refresher training.

Each student should have a copy of the textbook: Jones & Bartlett’s “Hazardous Materials Awareness and Operations, Second Edition” (ISBN #: 978-1-4496-4154-2) that must remain in the possession of the student throughout the entire course. If your fire department does not have a copy, it is available through the Western PA Fireman’s Association at www.wpfa.org. For those students that are unable to obtain a copy through their fire department, the ACFA will LOAN the student a copy of the textbook that must be returned upon completion of the class. If the textbook is no returned or damaged beyond operability the student/fire department will be charged for the replacement of the textbook.

The student will need to provide: pen/pencil, notebook, and job function appropriate PPE & respiratory protection.

Course Number:	Location:	Day/s of Week:	Dates:	Times:	Instructor:
10657	ACFA	Saturday	1/29	10:00 – 17:00	DiGennaro

ACFA 2022 Training Schedule Seminars

Basic American Sign Language and Gestures for Emergency Responders

6 Hours *Prerequisites: None* *Western PA School for the Deaf Fee*: \$20.00*

This 6-hour class is designed to provide the Emergency Responders with an introductory understanding of the communication needs of Deaf, Deaf-Blind and Hard of Hearing individuals who use American Sign Language as their primary language. Participants will be introduced to the following concepts/knowledge/skills:

- How members of the Deaf, Deaf-Blind, and Hard of Hearing communities who use American Sign Language as their primary language communicate with Hearing/Speaking individuals
- Techniques for communicating emergency information to users of American Sign Language when an interpreter is not available
- Manual Alphabet and the use of fingerspelling
- American Sign Language number system
- Thirty basic American Sign Language phrase/signs to communicate with American Sign Language users in emergency situations when an interpreter is not available

***Money orders or Relief Association Checks need to be made payable to “Western PA School for the Deaf.” No Personal Checks are accepted.**

The student will need to provide: pen/pencil, notebook.

Course Number:	Location:	Day/s of Week:	Dates:	Times:	Instructor:
10658	ACFA	Wednesdays	2/2 & 2/9	18:30 – 21:30	TBA
10659	ACFA	Wednesdays	10/5 & 10/12	18:30 – 21:30	TBA

Courage To Be Safe (CTBS)

4 Hours *Prerequisite: None*

This 4-hour PFSA AOTR program is designed for firefighters and fire officers alike. It introduces all attendees to the 16 Life Safety Initiatives. By exploring Line of Duty Death case histories in Pennsylvania and thought-provoking discussion, attendees leave the program with a renewed sense of firefighter safety.

The student will need to provide: pen/pencil, notebook.

Course Number:	Location:	Day/s of Week:	Dates:	Times:	Instructor:
10660	ACFA	Wednesday	3/31	18:30 - 22:30	TBA

ACFA 2022 Training Schedule Seminars

Fire Scene Awareness and Preservation

4 Hours Prerequisites: None

EVERY fire scene is important, regardless of its size or cause!!! The purpose of this course is to enhance the awareness skills of responding fire, police, and EMS personnel to effectively evaluate fire scenes from the time of arrival to the completion of the incident. Students will be introduced to the concept of a fire scene treated as a possible crime scene, and to effectively act in the preservation of that scene. Students will have a better understanding of what is expected of them from investigators and what they can be held accountable for on a fire scene. Fire suppression tactics are addressed and their effects on the preservation of a fire scene. Emphasis is placed heavily on accidental fires and the preservation of potential evidence that could lead to litigation and product recalls. Course topics will include but are not limited to a general overview of arson, fire scene awareness and preservation, explosions, fire suppression tactics, scene contamination, legal considerations, product failure and analysis, vehicle fires, and K9 techniques. This class is tailored to the local municipalities within Allegheny County. Local incidents familiar to the students are highlighted throughout the course.

The student will need to provide: pen/pencil, notebook.

Course Number:	Location:	Day/s of Week:	Dates:	Times:	Instructor:
10661	ACFA	Wednesday	2/9	18:30 - 22:30	Shawley

Fire Department and EMS Response to Active Shooter Situations

3 Hours Prerequisites: None

This course is designed to familiarize Fire and EMS first responders with Law Enforcement Response to Active Shooter Events. This course is designed for the initial responders to an Active Shooter Scene. Topics covered will be how Law Enforcement responds to an active shooter event, integration of Fire and EMS personnel with Law Enforcement to resolve issues associated with Active Shooter Events. This course is not designed for Tactical Medics.

The student will need to provide: pen/pencil, notebook.

Course Number:	Location:	Day/s of Week:	Dates:	Times:	Instructor:
10662	ACFA	Tuesday	1/25	18:30 – 21:30	Wolverton

ACFA 2022 Training Schedule Seminars

Drone Awareness

4 Hours *Prerequisite: None*

This course is designed to teach participants essential knowledge regarding drone operations, historical context, operational limitations, UAS registration, liability, safety regulations, and knowledge to keep responders from getting themselves and their organizations into legal issues.

The student will need to provide: pen/pencil, notebook

Course Number:	Location:	Day/s of Week:	Dates:	Times:	Instructor:
10663	ACFA	Monday	5/12	18:30 - 22:30	Det. Costanzo

Fire Flows

4 Hours *Prerequisite: ELIF or FF-I Certification or EBM*

If you want to learn more about getting the WET STUFF on the RED STUFF. This is the hands-on course you have been asking for. Designed for Engine Company personnel wanting solid SOPS for adequate fire ground flows. Smooth bore and low-pressure nozzles will be discussed and flowed to upper floors via standpipes and portable monitors. Portable flow meters will show reliable flow data with various diameters of hose.

The student will need to provide: pen/pencil, notebook, full PPE with protective glasses.

Course Number:	Location:	Day/s of Week:	Dates:	Times:	Instructor:
10664	ACFA	Tuesday	4/5	18:30 - 22:30	Miller

Foam Operations for the Engine Company

8 Hours *Prerequisite: ELIF or FF-I Certification or EBM*

If you want to learn more about getting the WHITE STUFF on the RED STUFF. This is the course for you and your company level officers. Designed for Engine Company personnel that want to improve on their foam delivery capabilities. Portable foam appliances will be discussed and flowed including self-educating master stream nozzles and appliances. Review and flowing of a Region 13 foam trailer and the onboard hardware. If available, a station 100 ARFF rig will be reviewed and flowed during the class.

The student will need to provide: pen/pencil, notebook, full PPE with protective glasses.

Course Number:	Location:	Day/s of Week:	Dates:	Times:	Instructor:
10665	ACFA	Saturday	6/11	08:00 – 17:00	Miller

ACFA 2022 Training Schedule Seminars

Gas Emergencies

4 Hours *Prerequisite: None*

This course will teach the student what to do when there are a natural gas odors or leak in structure. This class will also teach the student how to handle CO calls and the dangers assisted with these types of calls. The information in this course has been updated with new procedures and protocols from the gas company.

The student will need to provide: pen/pencil, notebook.

Course Number:	Location:	Day/s of Week:	Dates:	Times:	Instructor:
10666	ACFA	Tuesday	1/18	18:30 - 22:30	Klier

Managing a Successful Junior Fire Company

3 Hours *Prerequisite: None*

The volunteer fire service needs to address needs of recruitment and retention to remain a viable response group. One proven technique is to bring in younger members through a Junior Firefighter program. It seems simple to open your membership to younger members. But there are things to consider such as the Pennsylvania Child Labor Laws, the differences between 14 and 15-year-old members, and 16 and 17-year-old members. Leaders need to not trip on these pit falls This seminar will address many of these concerns, and a few other implications of having minors as members of your organizations. We will also discuss some success stories and best practices that you can implement to have your program grow and succeed.

The student will need to provide: pen/pencil, notebook.

Course Number:	Location:	Day/s of Week:	Dates:	Times:	Instructor:
10667	ACFA & MS Teams	Wednesday	1/26	18:30 - 21:30	Krzeminski

ACFA 2022 Training Schedule Seminars

Solar Panels

4 Hours *Prerequisite: None*

The course provides an in-depth but clear introduction to solar technology, the consequences of using fossil fuels, and how to encourage the use of solar power. It will first teach you about the most important technologies that are used to capture the solar energy, and how they can be implemented in homes, offices, schools, factories, and farms.

The student will need to provide: pen/pencil, notebook.

Course Number:	Location:	Day/s of Week:	Dates:	Times:	Instructor:
10668	ACFA	Thursday	1/20	18:30 - 22:30	Klier

Traffic Incident Management Systems

4 Hours *Prerequisite: None*

This National TIM Responder Training Program establishes the foundation and promotes consistent training for all responders to incidents involving operations on or near a highway. The PA-TIM objectives primarily target operations and special risks to personnel performing fire, rescue and EMS functions. This program examines those risks and provides nationally recognized actions to minimize/reduce those risks.

The student will need to provide: pen/pencil, notebook.

Course Number:	Location:	Day/s of Week:	Dates:	Times:	Instructor:
10669	ACFA	Thursday	2/17	18:30 - 22:30	DiGennaro

ACFA 2022 Training Schedule Seminars

Hoarding Conditions and Vacant Properties Response for 1st Responders

4 Hour *Prerequisites: None*

First responders are faced with encountering potential hoarding conditions every day, in every community, and in every type of dwelling. The purpose of this course is to provide a better understanding of hoarding and addressing hoarding conditions. Course topics include identifying the various stages and/or levels of hoarding, trying to understand the hoarder's mindset, firefighting challenges when encountering hoarding conditions, and the various causes of fires as they relate to hoarding conditions. A collaborative approach with local officials and agencies will also be discussed. This class is tailored to the local municipalities within Allegheny County. Local incidents familiar to the students are highlighted throughout the course.

Vacant properties are in every community, whether they are obviously apparent or not. The purpose of this is to increase the awareness level of fire, police, and EMS personnel when responding to incidents involving vacant properties. Course topics include but are not limited to defining and distinguishing between the terms vacant, unoccupied, and abandoned, identifying the various types of properties, risks associated with vacant properties, the type of activity occurring within vacant properties, various causes of fires associated with vacant properties, vacant property marking, fire department involvement, and addressing community concerns with vacant properties. This class is tailored to the local municipalities within Allegheny County. Local properties and incidents familiar to the students are highlighted throughout the course.

The student will need to provide: pen/pencil, notebook.

Course Number:	Location:	Day/s of Week:	Dates:	Times:	Instructor:
10670	ACFA	Wednesday	2/23	18:30 - 22:30	Shawley

Taking Action Against Cancer in the Fire and Emergency Services

4 Hours *Prerequisites: None*

This 4-hour class will educate firefighters and EMS personnel about their increased risk of developing cancer: encourage actions and behaviors to reduce or prevent exposure to occupational cancer hazards: encourage healthy lifestyle choices to further reduce cancer risk: and provide information about resources available to firefighters, EMS personnel and their families following a cancer diagnosis.

The student will need to provide: pen/pencil, notebook.

Course Number:	Location:	Day/s of Week:	Dates:	Times:	Instructor:
10566	ACFA	Tuesday	2/2	18:30 - 22:30	TBA
10567	ACFA	Tuesday	6/15	13:00 – 17:00	TBA
10568	ACFA	Saturday	11/16	13:00 – 17:00	TBA

ACFA 2021 Training Schedule

Abbreviations

AEER	Alternative Energy Emergency Response
AOTR	Academy On The Road
BVRA	Basic Vehicle Rescue Awareness
BVRO	Basic Vehicle Rescue Operations
CCAC	Community College of Allegheny County
CPR	Cardiopulmonary Resuscitation
DHBR	Basic Rescue Practices
DHS	Department of Homeland Security
DOH	Department of Health
EBM	Essential Basic Modules
ELFG	Entry Level Fire Ground Support
ELIF	Entry Level Interior Firefighter
ELIS	Entry Level Intro to Fire Service
EOC	Emergency Operations Center
EVDT	Emergency Vehicle Driver's Training
EVOT	Emergency Vehicle Operator Training
FEMA	Federal Emergency Management Agency
HMA	Hazardous Materials Awareness
HMAR	Hazardous Materials Awareness Refresher
HMO	Hazardous Materials Operations
HMOR	Hazardous Materials Operations Refresher
IAFF	International Association of Fire Fighters
ICS	Incident Command System
IFSTA	International Fire Service Training Association
INFO	Introduction to Fire Officership
ISO	Incident Safety Officer
IST	Introduction to Safety and Training
LNG	Liquefied Natural Gas
LODD	Line of Duty Death
LRV	Light Rail Vehicles
MSA	Mine Safety Appliance
NFA	National Fire Academy
NFFF	National Fallen Firefighters Foundation
NFPA	National Fire Protections Association
NFRS	National Fire Reporting System
NIMS	National Incident Management System
OSFC	Office of the State Fire Commissioner
OSHA	Occupational Safety and Health Association
PBFTA	Pittsburgh Bureau of Fire Training Academy
PPE	Personal Protective Equipment
PSFA	Pennsylvania State Fire Academy

ACFA 2021 Training Schedule
Abbreviations

R & I	Recognition and Identification
REPR	Respiratory Protection
RORE	Rope/High Angle Rescue
SCBA	Self-Contained Breathing Apparatus
SIMCO	Simulated County
TOG	Turn Out Gear
UC	Unified Command
WMD	Weapon of Mass Destruction