Lehigh Emergency Services Training Academy

In Cooperation with The

Lower Macungie Fire Dept &

Upper Macungie Fire Dept

2027

CPR, Hazmat Awareness & Operations, Fireground Support, Firefighter 1 & 2, and Common Passenger Vehicle Rescue Course Description Program

LESTA
640 W Hamilton St, 8th Floor
Allentown PA 18101
(610) 782-4603
www.lestafire.org

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Registration Policy / Procedures

All students must be pre-registered and paid for the fire 1 program. To plan for facilities and equipment, LESTA needs to know how many students are attending each program. Therefore, LESTA reserves the right to not accept walk-in students for any program.

Enrollment for any class will close 7 days prior to the start of the class. This includes Certification testing for Bucks. You **MUST** be paid for all testing 7 days **PRIOR** to the start of the class or you will not be allowed to take the test.

If a class is tied to a certification (i.e. Hazmat Awareness, Fireground Support, ect) you must be registered on Bucks Community College's Campus Marketplace system no later than seven (7) days prior to the start of the test.

Courses with pre-requisite requirements must have documentation of the prerequisites being met attached at the time of enrollment. Please submit them online here: https://www.lestafire.org/pre-requisite-submission.

All students MUST have an account PRIOR to enrolling for the program

Pennsylvania State Fire Academy Learning Management System

Create your Acadis account:
https://psfa.acadisonline.com/acadisviewer/WebForms/Public/UserDataCollector.aspx?ID=32b7c8c6-df3b-462c-b4e5-2043535ea659

Bucks Community College

Campus Marketplace

https://exploreandenroll.bucks.edu/modules/customer/index.html

Please affiliate (Add a relationship) yourself with your home department and LESTA

All students MUST have a FEMA Student ID Number

Federal Emergency Management Agency – SID Number

https://cdp.dhs.gov/femasid/register

No Show Policy

Please refer to the LESTA No Show policy located on the LESTA Website.

https://www.lestafire.org/sites/default/files/2025-10/LESTA%2520No%2520Show%2520Policy%2520v.2.pdf

Chief's Authorization

In authorizing a student to attend classes at LESTA, the Fire Chief **MUST** provide LESTA 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.
- It is ***MEDICALLY QUALIFIED*** to attend the course and can participate in **ALL** evolutions.
- It 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.

Submissions can be done online here: https://www.lestafire.org/sponsored-class

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.**

Information Session

It is highly encouraged that all students wanting to take this program from start to finish or any combination thereof attend or watch the information session recording. We will go over important information such as the schedule, testing, and other important information.

Program Coordinators

Please use the following list to assist you in directing your inquiries regarding the programs at the with this Fire Academy. The LESTA telephone number is 610-782-4603.

- Class Registrations/Enrollment, LESTA administrative issues

  Joe Light at josephlight@lehighcounty.org or 484-523-4052

- Lower Macungie Fire Dept Training Contact
  Ramon Deeb at rdeeb@firestation30.org or 610-704-0239

- Fireground Support / Fire 1 Instructor / Fire 2 / Vehicle Rescue Instructor
  Joe Grecco at joseph.grecco@bucks.edu

- CPR / First Aid Instructor

  Bill Sames at bsames@macamb.org

- Hazmat Awareness / Operations
  Justin Oswald at joswald@weisenbergfire.com
  Eric Gopen at gopene@parklandsd.net

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 ***LESTA***, except where noted. Cash cannot be accepted.

Registrations received without payment will not be accepted.

CHECKS AND MONEY ORDERS: Made payable to ***LESTA*** must be sent with the registration to LESTA 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. Credit Cards are accepted with a 4% additional fee.

REFUND POLICY: Students not attending a program must notify the LESTA ***BEFORE*** the first day of the class to receive a refund.

NO SHOW POLICY: Students needing to cancel out of any LESTA 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: josephlight@lehighcounty.org

Prerequisites

All students must complete the below pre-requisites prior to enrolling in the Fire 1 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 leaner 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-700.b) 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).

Traffic Incident Management (TIM)

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.

https://www.train.org/pa/course/1082546/compilation

Registration Summary "Quick-links"

(Below is a summary of all the classes with their registration links)

FSC #	Class Name	Registration Link
	Fire 1 Program Information Session	https://lehighcounty-org.zoomgov.com/meeting/register/yduHv_-RTXevszEbMOUIhQ
	AHA CPR / First Aid ($45)	
2114	**Hazmat Awareness**	
0917	**HMA Written Test**	
3470	**Fireground Support Class**	
1921	**Fireground Support Written Test**	
1922	**Fireground Support Practical Test**	
2472	**Hazmat Operations Class**	
0978	**HMO Written Test**	
0103	**HMO Practical Test**	
3471	**Firefighter 1 Class**	
0483	**Fire 1 Written Test**	
0479	**Fire 1 Practical Test**	
0600	**SBS Sign Up (Must be at least 17 years old)**	
0916	**Fire 2 Class**	
0480	**Fire 2 Written Test**	
0482	**Fire 2 Practical Test**	
2410	**Common Passenger Vehicle Rescue**	
2412	**Common Passenger Written Test**	
2411	**Common Passenger Practical Test**	

By registering on PA Train, this will allow LESTA to register the student on your behalf. Buck's Community College does not provide us with a roster so we have no idea who is signed up for our classes. Doing so this way will allow us to see who is registered and be able to contact the students with vital information. The student will receive an email from Bucks with a token. The student must click on that token link and complete the registration process in their campus marketplace portal to be fully signed up for the class. LESTA does NOT sign the student up for any testing. That is the responsibility of the student.

AHA Heartsaver® First Aid/CPR/AED and Basic Life Support

8 Hours Prerequisites: None

LESTA Materials Fee: $45.00

Check payable to "Macungie Ambulance Corps"

The American Heart Association's (AHA) *Heartsaver® First Aid and Basic Life Support (BLS)* 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.

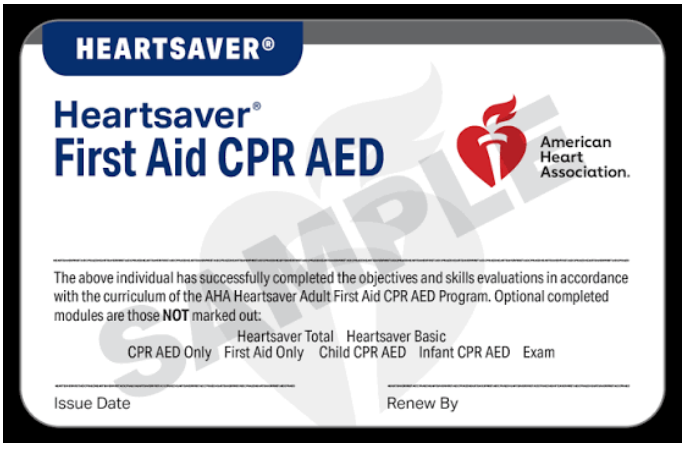
Class Registration Link:

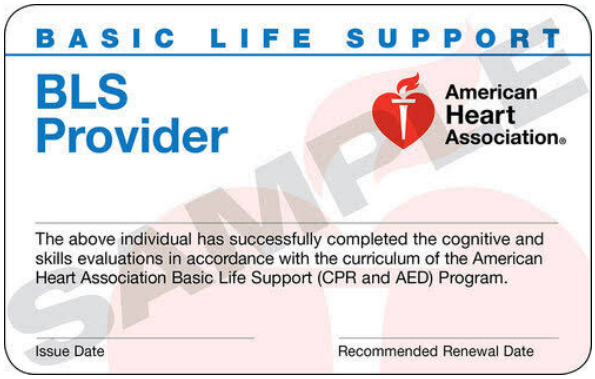
Class Date(s) & Times:

January 18th 2027 1800-2200

Class Location: Lower Macungie Twp Fire Dept - Brandywine Station

6229 Sauerkraut Lane, Macungie PA 18062





Hazardous Materials Awareness (HMA24)

FSC: 2114 - 6 Hours

Minimum Age: 14 years of age

Prerequisites:
* None

Required Text:
* Hazardous Materials for First Responders, 6th Edition, International Fire Service Training Association; Oklahoma.
* Emergency Response Guide, Current Edition, United State Department of Transportation

Required Equipment:
* Pen/Pencil & Notebook
* Computer with audio/video capability (for Virtual Classes)
* Internet Access (for Virtual Classes)

Course Description: The primary target audiences for this course are the First Responders (fire, rescue, emergency medical, police, etc.) who will witness or discover a hazardous substance/materials release or a terrorist/criminal incident. Students will be trained to initiate an emergency response sequence by notifying the proper authorities of the incident. They shall have sufficient training or have had sufficient experience to objectively demonstrate competency to understand what hazardous substances are, the risks, potential outcomes, the ability to recognize and identify their presence, their role, including site security, safe scene management and how to use the U.S. Department of Transportation (US DOT) Emergency Response Guidebook during a hazardous materials/WMD or a terrorist/criminal emergency. This course will meet the requirements for annual review under 29 CFR 1910.120 and the educational requirements of NFPA 470 standard to the Awareness Level.

Class Location: Lower Macungie Twp Fire Dept - Brandywine Station

6229 Sauerkraut Lane, Macungie PA 18062

FSC-0917 - Hazardous Materials Awareness Certification Challenge (NFPA 1072)

Minimum Age: 14 years of age

Prerequisites:

Hazardous Materials Awareness Training

Required Text:

Hazardous Materials for First Responders, 6th Edition, International Fire Service Training Association; Oklahoma.

Emergency Response Guide (ERG), Current Edition, U.S. Department of Transportation

Required Equipment:

Computer with audio/video capability and internet access

Course Description: This examination measures the student's skills at the Hazardous Materials Awareness Level and will follow guidelines set forth in accordance with the policies and procedures of Bucks County Community College's Accreditation. Testing is based on current NFPA 4702 Standard, to the Hazardous Materials / WMD Awareness Level through the ProBoard.



Entry Level Fireground Support (ELFS) EL-26

FSC: 3470 - 48 Hours Prerequisites: Minimum age of 14 years old at start of class

Minimum Age: 14 years of age

Prerequisites: None
Must be completed prior to NFPA 1010 Support Person certification exam and/or ELFF1 start date
• NIMS ICS-100: Introduction to the Incident Command System
• NIMS ICS-700: National Incident Management System (NIMS), An Introduction
• Hazardous Materials Awareness
• Traffic Incident Management (TIM)
• Enrollment into ACADIS platform

Required Text:
• Fundamentals of Firefighter Skills (5th Ed.) – Jones & Bartlett
OR
• Fundamentals of Firefighter Support Person – Jones & Bartlett

Required Equipment:
• Computer with audio/video capability with Internet Access (if applicable)
• Pen/pencil or other appropriate note taking material
• Required textbook and skill book
• Full PPE ensemble (helmet, gloves, hood, coat, pants, boots, eye protection)
• Self-Contained Breathing Apparatus (SCBA)
• 2 sections of rope (8'-10') 1 section of webbing

Course Description
To prepare students with the essential knowledge, skills, and behaviors needed to begin a safe and productive fire service career, while developing their ability to provide effective non-suppression support during emergency operations. The course emphasizes the use of fundamental tools, safety standards, and operational practices that enable personnel to assist firefighting teams through logistical, communication, and coordination tasks that enhance overall incident effectiveness

Class Location: Lower Macungie Twp Fire Dept - Brandywine Station

6229 Sauerkraut Lane, Macungie PA 18062

FSC-1922 - Support Person Certification Skill Testing (NFPA 1010-2024)

Minimum Age: 14 years of age

Prerequisites:

Hazardous Materials / WMD Awareness Level Professional Certification (IFSAC and/or ProBoard)

ICS-100: Introduction to the Incident Command System

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

Support Person Training

Required Text:

Essentials of Fire Fighting, Eighth Edition, IFSTA

Resource Materials Needed:

Support Person Certification Handbook, NFPA 1010-2024 Edition, Bucks County Community College

Required Equipment:

Approved, fitted, and maintained Turn out Gear with Helmet, Eye Protection, and Gloves

Course Description

This program is designed to evaluate the students' psychomotor skills that meet the minimum job performance requirements and will follow guidelines set forth in accordance with the policies and procedures of Bucks County Community College's Accreditation. Testing is based on current NFPA 1010 Standard, to the Support Person level through the ProBoard. (NOTE: The written examination is a separate FSC number to be completed.)

FSC-1921 - Support Person Certification Written Examination (NFPA 1010-2024)

Minimum Age: 14 years of age

Prerequisites:
* Hazardous Materials / WMD Awareness Level Professional Certification (IFSAC and/or ProBoard)
* ICS-100: Introduction to the Incident Command System
* IS-700: An Introduction to the National Incident Management System
* Support Person Training

Required Text:
* Essentials of Fire Fighting, Eighth Edition, IFSTA

Resource Materials Needed:
* Support Person Certification Handbook, NFPA 1010-2024 Edition, Bucks County Community College

Required Equipment:
* None

Course Description
This program is designed to evaluate the students' cognitive skills that meet the minimum job performance requirements and will follow guidelines set forth in accordance with the policies and procedures of Bucks County Community College's Accreditation. Testing is based on current NFPA 1010 Standard, to the Support Person level through the ProBoard. (NOTE: The skill testing is a separate FSC number to be completed.)



Hazardous Materials Operations (HMO24)

FSC: 2472 - 32 Hours.

Minimum Age: 16 years of age

Prerequisites:
* Hazardous Materials Awareness

Required Text:
* Hazardous Materials for First Responders, 6th Edition, International Fire Service Training Association; Oklahoma.
* Emergency Response Guide (ERG), Current Edition, U.S. Department of Transportation

Required Equipment:
* Pen/Pencil & Notebook
* Computer with audio/video capability (for Virtual Classes)
* Internet Access (for Virtual Classes)
* Hazardous Materials PPE and Respiratory Protection (Turnout Gear and SCBA most common

Course Description: Provide training for first responders that respond to releases or potential releases of hazardous substances as part of the initial response for the purpose of protecting nearby persons, property, and the environment. Personnel are trained to respond in a defensive fashion to contain the release from a safe distance, to keep it from spreading, and prevent exposures. They must understand basic hazard and risk assessment, how to select and use proper personnel protective equipment, basic hazardous materials terms, basic control, containment and/or confinement operations within the capabilities of the resources and Personal Protective Equipment (PPE) available, and basic decontamination procedures and termination procedures.

The goal of this program is to provide the emergency responder with the training needed to comply with First Responder Operations Level training identified in the National Fire Protection Association (NFPA) 470 - 2022 edition, professional qualifications standard. This course will meet the requirements for annual review under 29 CFR 1910.120 and the educational requirements of NFPA 470 standard to the Operations Level (Chapter 7), Personal Protective Equipment (Chapter 9.2), and Product Control (Chapter 9.6) for ProBoard Testing.

Class Location: Lower Macungie Twp Fire Dept - Brandywine Station

6229 Sauerkraut Lane, Macungie PA 18062

FSC-0103 - Hazardous Materials Operations Practical Skills Certification Challenge

Minimum Age: 16 years of age

Prerequisites:
* Hazardous Materials Awareness Professional Certification (IFSAC and/or ProBoard)
* Hazardous Materials Operation Training

Required Text:
* Hazardous Materials for First Responders, 6th Edition, International Fire Service Training Association; Oklahoma.
* Emergency Response Guide (ERG), Current Edition, U.S. Department of Transportation

Required Equipment:
* Turn out Gear and SCBA with spare cylinder

Course Description: This program designed to test the students' skills in practical exercises so that they will receive professional certification upon completion of the program, if they successfully meet the minimum requirements of testing. All testing is based on current NFPA standard for Hazardous Materials Operations. Students should possess prerequisite knowledge of hazardous materials skills obtained though previous training and real-life experience.



FSC-0978 - Hazardous Materials Operations Written Examination Certification Challenge (NFPA 1072)

Minimum Age: 16 years of age

Prerequisites:
* Hazardous Materials Awareness Level in accordance with NFPA 1072 or NFPA 470, through IFSAC or ProBoard.
* Hazardous Materials Operations Training

Required Text:
* Hazardous Materials for First Responders, 6th Edition, International Fire Service Training Association; Oklahoma.
* Emergency Response Guide (ERG), Current Edition, U.S. Department of Transportation

Resource Materials Needed:
* Hazardous Materials / WMD Operations Core Level Certification Handbook, NFPA 470-2022 Edition, Bucks County Community College
* Hazardous Materials / WMD Operations Personal Protective Equipment Mission Specific Level Certification Handbook, NFPA 470-2022 Edition, Bucks County Community College
* Hazardous Materials / WMD Operations Product Control Mission Specific Level Certification Handbook, NFPA 470-2022 Edition, Bucks County Community College

Course Description: This program is designed to evaluate the student's cognitive knowledge to receive professional certification upon
completion of the program if they successfully meet the minimum requirements and the psychomotor skills (tested separately). This examination measures the candidate's knowledge at the Hazardous Materials Operations Core, Personal Protective Equipment, and Product Control Mission Specific Competencies and will follow guidelines set forth in accordance with the policies and procedures of Bucks County Community College's Accreditation. Testing is based on current NFPA 470 Standard through the ProBoard.





ELFF1 (Entry Level Firefighter I) – EL-26

FSC: 3471 - 88 Hours

Minimum Age: 18 years of age (17 years of age for those who are eligible/qualify for ACT155)

Prerequisites: EL-26: Fire Ground Support (ELFS)
Must be completed prior to NFPA 1010 Firefighter 1 certification exam and/or ELFF2 start date
* Hazardous Materials Operations
* CPR / First Aid

Required Text:
* Fundamentals of Firefighter Skills (5th Ed.) - Jones & Bartlett

Required Equipment:
* Computer with audio/video capability with Internet Access (if applicable)
* Pen/pencil or other appropriate note taking material
* Required textbook and skill book
* Full PPE ensemble (helmet, gloves, hood, coat, pants, boots, eye protection)
* Self-Contained Breathing Apparatus (SCBA)
* 2 sections of rope (8'-10') 1 section of webbing

Course Description
This program builds on the foundational skills learned in ELFS and prepares students for Firefighter I certification in accordance with NFPA 1001: Standard for Firefighter Professional Qualifications. Students will receive instruction and practice across a broad range of fireground functions. Topics include the safe use self-contained breathing apparatus (SCBA); ground ladder operations for access, rescue, and ventilation; and an understanding of building construction as it relates to fire behavior and structural collapse. Training also covers forcible entry techniques, coordinated ventilation, search and rescue procedures, and hoseline deployment for fire attack. Students apply suppression tactics in both interior and exterior scenarios, develop firefighter survival techniques for emergency situations, and learn salvage, overhaul, and property conservation methods. The program concludes with modules on firefighter rehabilitation and wildland firefighting fundamentals, ensuring readiness for incident operations.

Class Location: Lower Macungie Twp Fire Dept - Brandywine Station

6229 Sauerkraut Lane, Macungie PA 18062

FSC-1927 - Fire Fighter 1 Certification Skill Testing (NFPA 1010-2024)

Minimum Age: 18 years of age (Exemption for Fire Fighter 1 Academy students who will use this as their course final exam)

Prerequisites:
* Current CPR Card
* Current First Aid Card (or higher level of Emergency Medical Training)
* ICS-100: Introduction to the Incident Command System
* IS-700: An Introduction to the National Incident Management System
* Hazardous Materials Operational Core Competencies, Personal Protective Equipment Mission Specific Competencies, and Product Control Mission Specific Competencies in accordance with NFPA 470, through IFSAC or ProBoard.
* Hazardous Materials / WMD Awareness Level Professional Certification (IFSAC and/or ProBoard)
* Essentials of Firefighting (EBM) or Interior Firefighting (ELIF) or EL-26: Firefighter 1 (ELFF1) or Bucks Basic Fire Academy (BBFA)

Required Text:
* Essentials of Fire Fighting, Eighth Edition, IFSTA

Resource Materials Needed:
* Fire Fighter 1 Certification Handbook, NFPA 1010-2024 Edition, Bucks County Community College

Required Equipment:
* Approved, fitted, and maintained Turn out Gear with Helmet, Eye Protection, and Gloves.
* Approved, tested, and maintained SCBA and Mask with spare cylinder

Course Description:
This program is designed to evaluate the students' psychomotor skills that meet the minimum job performance requirements and will follow guidelines set forth in accordance with the policies and procedures of Bucks County Community College's Accreditation. Testing is based on current NFPA 1010 Standard, to the Fire Fighter 1 level through the ProBoard. (NOTE: The written examination is a separate FSC number to be completed.)

FSC-1926 - Fire Fighter 1 Certification Written Examination (NFPA 1010-2024)

Minimum Age: 18 years of age (Exemption for students who qualify for Act 155, Exemption for Fire Fighter 1 Academy students who will use this as their course final exam)

Prerequisites:
* Current CPR Card
* Current First Aid Card (or higher level of Emergency Medical Training)
* ICS-100: Introduction to the Incident Command System
* IS-700: An Introduction to the National Incident Management System
* Hazardous Materials Operational Core Competencies, Personal Protective Equipment Mission Specific Competencies, and Product Control Mission Specific Competencies in accordance with NFPA 470, through IFSAC or ProBoard.
* Hazardous Materials / WMD Awareness Level Professional Certification (IFSAC and/or ProBoard)
* Essentials of Firefighting (EBM) or Interior Firefighting (ELIF) or EL-26: Firefighter 1 (ELFF1) or Bucks Basic Fire Academy (BBFA)

Required Text:
* Essentials of Fire Fighting, Eighth Edition, IFSTA

Resource Materials Needed:
* Fire Fighter 1 Certification Handbook, NFPA 1010-2024 Edition, Bucks County Community College

Required Equipment:
* None

Course Description
This program is designed to evaluate the students' cognitive skills that meet the minimum job performance requirements and will follow guidelines set forth in accordance with the policies and procedures of Bucks County Community College's Accreditation. Testing is based on current NFPA 1010 Standard, to the Fire Fighter 1 level through the ProBoard. (NOTE: The skill testing is a separate FSC number to be completed.)

Structural Burn Session (SBS)

FSC: 0600 – 16 Hours

Minimum Age: 18 years of age

Prerequisites:
• Essentials of Firefighting (EBM) OR Interior Firefighter: No Live Fire (ELIF) OR Interior Firefighter: Live Fire (ELIF) OR Fire Fighter 1 (NFPA 1001) Professional Certification

Required Text:
• None

Required Equipment:
• Approved, fitted, and maintained Turn our Gear
• Approved and test SCBA

Course Description: To enable the student to safely attack and extinguish an interior fire in a structure as a member of a single line hose team. 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.

Class Location: Lower Macungie Twp Fire Dept - Brandywine Station

6229 Sauerkraut Lane, Macungie PA 18062

Common Passenger Vehicle Technical Rescuer Awareness, Operation, and Technician Level Training (NFPA 1006-2021)

FSC: 2410 - 40 Hours

Minimum Age: 16 years of age

Prerequisites:
* Non-Expired CPR
* Non-Expired First Aid (or higher level of Emergency Medical Provider)
* Hazardous Materials Awareness Level Professional Certification (IFSAC and/or ProBoard)

Required Text:
* Vehicle Rescue and Extrication: Principles and Practice, Revised Second Edition, Jones & Bartlett

Resource Materials Needed:
• Common Passenger Vehicle Technical Rescuer Awareness Level Certification Handbook, NFPA 1006-2021Edition, Bucks County Community College
• Common Passenger Vehicle Technical Rescuer Operations Level Certification Handbook, NFPA 1006-2021Edition, Bucks County Community College
• Common Passenger Vehicle Technical Rescuer Technician Level Certification Handbook, NFPA 1006-2021Edition, Bucks County Community College

Required Equipment:
* Extrication Jumpsuit or Firefighting TOG, Helmet with Chin Strap, Eye Protection, Work boots, and leather or extrication gloves

Course Description: This program is designed to enhance the student's ability to perform critical skill sets in the field of technical rescue for incidents involving common passenger vehicles. During this course, students will review scene safety and size-up strategies, apply the phases of extrication, vehicle extrication principles and theories, stabilization and extrication techniques, basic patient care and packaging techniques, and manage incident challenges to accurately and safely execute the skill sets required for safe and effective patient extrication. Topics include: size-up, scene management, hazard identification and control, stabilization, gaining access, tool selection and operation, patient packaging and extrication, and termination in accordance with NFPA 1006 and 1670. This course is designed for students with a working knowledge of emergency response. This course is designed to prepare a candidate for professional certification testing (written and skills) in accordance with NFPA 1006 Common Passenger Vehicle Technical Rescuer Awareness, Operations, and Technician Levels.

Class Location: Upper Macungie Fire Dept – Fogelsville Station

7850 Lime St, Fogelsville, PA 18051

FSC-2411 - Common Passenger Vehicle Technical Rescuer Awareness, Operations, and Technician Certification Skill Testing (NFPA 1006-2021)

Minimum Age: 16 years of age

Prerequisites:
* Non-Expired CPR
* Non-Expired First Aid (or higher level of Emergency Medical Provider)
* Hazardous Materials Awareness Level Professional Certification (IFSAC and/or ProBoard)
* Passenger Vehicle Technical Rescuer Training

Required Text:
* Vehicle Rescue and Extrication: Principles and Practice, Revised Second Edition, Jones & Bartlett

Resource Materials Needed:
• Common Passenger Vehicle Technical Rescuer Awareness Level Certification Handbook, NFPA 1006-2021 Edition, Bucks County Community College
• Common Passenger Vehicle Technical Rescuer Operations Level Certification Handbook, NFPA 1006-2021 Edition, Bucks County Community College
• Common Passenger Vehicle Technical Rescuer Technician Level Certification Handbook, NFPA 1006-2021 Edition, Bucks County Community College

Required Equipment:
* Extrication Jumpsuit or Firefighting TOG, Helmet with Chin Strap, Eye Protection, Work boots, and leather or extrication gloves

Course Description: This program designed to evaluate the student's skills in cognitive and psychomotor exercises so that they will receive professional certification upon completion of the program, if they successfully meet the minimum requirements of testing. This examination measures the student's skills at the Vehicle Technical Rescuer Awareness, Operations, and Technician Level and will follow guidelines set forth in accordance with the policies and procedures of Bucks County Community College's Accreditation. Testing is based on current NFPA 1006 Standard, to the Common Passenger Vehicle Technical Rescuer Awareness, Operations, and Technician Level through the ProBoard. (***NOTE:*** The written examination is a separate FSC number to be completed.)

FSC-2412 - Common Passenger Vehicle Technical Rescuer Awareness, Operations, and Technician Certification Written Examination (NFPA 1006-2021)

Minimum Age: 16 years of age

Prerequisites:
* Non-Expired CPR
* Non-Expired First Aid (or higher level of Emergency Medical Provider)
* Hazardous Materials Awareness Level Professional Certification (IFSAC and/or ProBoard)
* Common Passenger Vehicle Technical Rescuer Awareness, Operations, and Technician Training

Required Text:
* Vehicle Rescue and Extrication: Principles and Practice, Revised Second Edition, Jones & Bartlett
Resource Materials Needed:
* Common Passenger Vehicle Technical Rescuer Awareness Level Certification Handbook, NFPA 1006-2021 Edition, Bucks County Community College
* Common Passenger Vehicle Technical Rescuer Operations Level Certification Handbook, NFPA 1006-2021 Edition, Bucks County Community College
* Common Passenger Vehicle Technical Rescuer Technician Level Certification Handbook, NFPA 1006-2021 Edition, Bucks County Community College

Required Equipment:
* None

Course Description: This program is designed to evaluate the students' cognitive skills that meet the minimum job performance requirements and will follow guidelines set forth in accordance with the policies and procedures of Bucks County Community College's Accreditation. Testing is based on current NFPA 1006 Standard, to the Common Passenger Vehicle Technical Rescuer Awareness, Operations, and Technician Level through the ProBoard. (***NOTE***: The skill testing is a separate FSC number to be completed.)

FSC-0916 - Bucks Advanced Fire Academy (BAFA)

Minimum Age: 18 years of age

Prerequisites:
• Essentials of Firefighting (EBM) OR Interior Firefighter: No Live Fire (ELIF) OR Interior Firefighter: Live Fire (ELIF) OR Fire Fighter 1 (NFPA 1001) Professional

Certification
• IS-100: Introduction to the Incident Command System (ICS-100)
• IS-200: Basic Incident Command System for Initial Response (ICS-200)

Required Text:
• Essentials of Fire Fighting, Seventh Edition, International Fire Service Training Association; Oklahoma.

Required Equipment:
• Approved, fitted, and maintained Turn our Gear
• Approved and test SCBA
• Computer with audio/video capability and internet access

Course Description: This course continues the fire service recruits training path to a complete basic firefighting education by introducing advanced concepts and techniques in such areas as fire suppression, rescue, incident reporting, pre-incident planning, fire prevention, arson awareness, and evidence preservation at emergency scenes. Participants will demonstrate fundamental skills in developing pre-plans, delivering safety presentations, completing accident investigations, basic vehicle rescue, and emergency response to various types of incidents during practical exercises. This course partnered with Professional Certification in Hazardous Materials Awareness, Operations (Core, PPE, and Product Control), and Fire Fighter 1 along with ICS-100 and ICS-200 will prepare you to test for Fire Fighter 2 NFPA 1001 Professional Certification.

Class Location: Upper Macungie Fire Dept – Fogelsville Station

7850 Lime St, Fogelsville, PA 18051

FSC-0480 - Fire fighter II Written Examination Certification Challenge (NFPA 1001)

Minimum Age: 18 years of age

Prerequisites:
* ICS-200: Basic Incident Command System for Initial Response
* Hazardous Materials Operational Core Competencies, Personal Protective Equipment Mission Specific Competencies, and Product Control Mission Specific Competencies in accordance with NFPA 1072 or NFPA 470, through IFSAC or ProBoard.
* Fire Fighter 1 in accordance with NFPA 1001, through IFSAC or ProBoard.
* Bucks Advanced Fire Academy (BAFA) or equivalent Advanced Fire Training

Required Text:
* Essentials of Firefighting, Seventh Edition, IFSTA/FFP, Oklahoma

Resource Materials Needed:
* Fire Fighter 2 Certification Handbook, NFPA 1001-2019 Edition, Bucks County Community College

Course Description
This program is designed to evaluate the student's cognitive knowledge to receive professional certification upon completion of the program if they successfully meet the minimum requirements and the psychomotor skills (tested separately). This examination measures the candidate's knowledge at the Fire Fighter 2 Level and will follow guidelines set forth in accordance with the policies and procedures of Bucks County Community College's Accreditation. Testing is based on current NFPA 1001 Standard, to the Fire Fighter 2 Level through the ProBoard.

FSC-0482 - Fire Fighter II Practical Skills Certification Challenge (NFPA 1001)

Minimum Age: 18 years of age

Prerequisites:
• ICS-200: Basic Incident Command System for Initial Response
• Hazardous Materials Operational Core Competencies, Personal Protective Equipment Mission Specific
Competencies, and Product Control Mission Specific Competencies in accordance with NFPA 1072 or NFPA
470, through IFSAC or ProBoard.
• Fire Fighter 1 in accordance with NFPA 1001, through IFSAC or ProBoard.
• Bucks Advanced Fire Academy (BAFA) or equivalent Advanced Fire Training

Required Text:
• Essentials of Firefighting, Seventh Edition, IFSTA/FFP, Oklahoma

Resource Materials Needed:
• Fire Fighter 2 Certification Handbook, NFPA 1001-2019 Edition, Bucks County Community College

Required Equipment:
• Turn out gear / SCBA

Course Description: This program is designed to evaluate the student's skills in a psychomotor skills challenge testing for candidates not coming directly out of an academy style course to receive professional certification upon completion of the program if they successfully meet the minimum requirements and the cognitive written examination (tested separately). This examination measures the candidate's skills at the Fire Fighter 2 Level and will follow guidelines set forth in accordance with the policies and procedures of Bucks County Community College's Accreditation. Testing is based on current NFPA 1001 Standard, to the Fire Fighter 2 Level through the ProBoard.

Master Course(s) Schedule

Topic	Day	Date	Time	Location
Information Session	Mon	01/11/27	1800-1900	Zoom
CPR / First Aid	Mon	1/18/27	1800-2200	Lower Macungie Fire Dept - Brandywine
Hazmat Awareness – Proboard Certification	Wed	1/20/27	1800-2100	Lower Macungie Fire Dept - Brandywine
Hazmat Awareness – Proboard Certification	Thur	1/21/27	1800-2100	Lower Macungie Fire Dept - Brandywine
Hazmat Awareness Written Test	Fri	1/22/27	1800-2000	Lower Macungie Fire Dept - Brandywine

Fireground Support				
Registration/ Intro Chapter 1/Safety and PPE	Mon	1/25/2027	1830-2230	Lower Macungie Fire Dept - Brandywine
Firefighter Tools & Equipment/Ropes & Knots Lecture	Wed	1/27/2027	1830-2230	Zoom
Fire Hose & Water Supply Lectures Communications/ Fire Extinguishers Lecture	Sat	1/30/2027	0800-1600	Lower Macungie Fire Dept - Brandywine
Fire Behavior	Mon	2/1/2027	1830-2230	Zoom
Hose Evolutions	Wed	2/3/2027	1830-2230	Zoom
PPE & SCBA Practical Ropes & Knots Practical	Sat	2/6/2027	0800-1600	Lower Macungie Fire Dept - Brandywine
Fire Hose Practical	Mon	2/8/2027	1830-2230	Lower Macungie Fire Dept - Brandywine
Water Supply Practical	Wed	2/10/2027	1830-2230	Lower Macungie Fire Dept - Brandywine
Fireground Support Certification Written Exam	Sat	2/13/2027	0800-1600	Lower Macungie Fire Dept - Brandywine
Fireground Support Certification Practical Exam	Sat	2/13/2027	0800-1600	Lower Macungie Fire Dept - Brandywine

Hazmat Operations - Proboard				
HMO 1	Tue	2/23/27	1800-2200	Lower Macungie Fire Dept - Brandywine
HMO 2	Thur	2/25/27	1800-2200	Lower Macungie Fire Dept - Brandywine
HMO 3	Sat	2/27/27	0800-1600	Lower Macungie Fire Dept - Brandywine

HMO 4	Sun	2/28/27	0800-1600	Lower Macungie Fire Dept - Brandywine
HMO Practical Day	Sat	3/6/27	0800-1600	Emmaus Fire Training Grounds
HMO Proboard Written Test & Practical Day	Sun	3/7/27	0800-1600	Emmaus Fire Dept / Emmaus Fire Training Grounds

Firefighter 1				
PPE & SCBA	Mon	3/15/2027	1830-2230	Emmaus Fire Training Grounds
Building Construction	Wed	3/17/2027	1830-2130	Zoom
Forcible Entry	Sat	3/20/2027	0800-1600	Emmaus Fire Training Grounds
Ladder Lecture & Practical	Sun	3/21/2027	0800-1600	Emmaus Fire Dept / Emmaus Fire Training Grounds
Ladder Practical 2	Mon	3/22/2027	1830-2230	Emmaus Fire Training Grounds
Ventilation Lecture	Wed	3/24/2027	1830-2230	Zoom
Search & Rescue Lecture & Practical	Sat	3/27/2027	0800-1600	Emmaus Fire Training Grounds
Fire Streams Lecture	Mon	3/29/2027	1830-2230	Zoom
Chapter 14 - Fire Suppression	Wed	3/31/2027	1830-2230	Zoom
Ventilation Practical	Sat	4/3/2027	0800-1600	Emmaus Fire Training Grounds
Firefighter Survival & Loss Control Lectures	Mon	4/5/2027	1830-2230	Zoom
Fire Suppression Lecture	Tue	4/6/2027	1830-2230	Zoom
Wildland Fires & Rehab Lecture	Wed	4/7/2027	1830-2230	Zoom
Fire Suppression Practical	Sun	4/11/2027	0800-1600	Emmaus Fire Training Grounds
Firefighter Survival & Loss Control Practical	Mon	4/12/2027	1830-2230	Emmaus Fire Training Grounds
Fire Suppression/Attack lines 2	Tue	4/13/2027	1830-2230	Emmaus Fire Training Grounds
Fire Suppression/Attack lines 2	Wed	4/14/2027	1830-2230	Emmaus Fire Training Grounds
Structural Burn Lecture & Dry Lines	Sun	4/18/2027	0800-1600	Emmaus Fire Dept / Emmaus Fire Training Grounds

Structural Burn Session	Sat	4/24/2027	0800-1600	Emmaus Fire Training Grounds
Fire 1 Written Test	Mon	04/26/2027	1800-2200	Lower Macungie Fire Dept
Fire 1 Practical Test	Sun	04/25/2027	0800-1600	Emmaus Fire Training Grounds

Common Passenger Vehicle Rescue				
Vehicle Rescue	Mon	4/26/2027	1830-2230	Upper Macungie Fire Dept – Fogelsville Station
Vehicle Rescue	Wed	4/28/2027	1830-2230	Upper Macungie Fire Dept – Fogelsville Station
Vehicle Rescue	Mon	5/3/2027	1830-2230	Upper Macungie Fire Dept – Fogelsville Station
Vehicle Rescue	Wed	5/5/2027	1830-2230	Upper Macungie Fire Dept – Fogelsville Station
Vehicle Rescue	Mon	5/10/2027	1830-2230	Upper Macungie Fire Dept – Fogelsville Station
Vehicle Rescue	Wed	5/12/2027	1830-2230	Upper Macungie Fire Dept – Fogelsville Station
Vehicle Rescue	Mon	5/17/2027	1830-2230	Upper Macungie Fire Dept – Fogelsville Station
Vehicle Rescue	Wed	5/19/2027	1830-2230	Upper Macungie Fire Dept – Fogelsville Station
Vehicle Rescue	Sat	5/22/2027	0800-1600	Upper Macungie Fire Dept – Fogelsville Station
Common Passenger Vehicle Rescue Written & Practical Exam	Sun	05/23/2027	0800-1600	Emmaus Fire Dept / Emmaus Fire Training Grounds

Firefighter 2				
Orientation & Life Safety Initiatives	Mon	5/24/2027	1830-2230	Upper Macungie Fire Dept – Fogelsville Station
Command	Tue	5/25/2027	1830-2130	Zoom
Assisting Rescue Teams and Fire Investigation	Wed	5/26/2027	1830-2230	Zoom
Assisting Rescue Team Practical	Wed	6/2/2027	1830-2230	Upper Macungie Fire Dept – Fogelsville Station
Advanced Suppression	Sat	6/5/2027	0800-1600	Upper Macungie Fire Dept – Fogelsville Station
Fire Protection Systems	Mon	6/7/2027	1830-2230	Zoom
Advanced Suppression 2 (hose Testing)	Mon	6/14/2027	1830-2230	Zoom
Life Safety Initiatives Practical	Tue	6/15/2027	1830-2230	Upper Macungie Fire Dept – Fogelsville Station
Life Safety Initiatives Practical	Wed	6/16/2027	1830-2230	Upper Macungie Fire Dept – Fogelsville Station
Advanced Suppression	Thu	6/17/2027	1830-2030	Upper Macungie Fire Dept – Fogelsville Station
Firefighter 2 Written exam	Sat	6/19/2027	0800-1200	Upper Macungie Fire Dept – Fogelsville Station
Firefighter 2 Practical Skills Test	Sun	06/20/27	0800-1600	Emmaus Fire Training Grounds