


Northampton Community College

Interior Firefighter (Level 4 ELIF with LIVE BURN)

FALL 2022

Lead Instructor: Jerry VanHorn

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Hours: *Thursdays*: 6:30 PM – 10:30 pm *Sundays* 8:00 AM to 5 PM

Course Location: Northampton County Fire School
6 Nagys Hill Road
Bangor, PA 18013
Phone 610-588-3747

Required Textbook: *IFSTA – Essentials of Fire Fighting and Fire Department Operations, Seventh Edition and Pennsylvania Edition Entry Level Fire Training Skills Sheets Book*

Course Objectives:

Student learning outcomes for Essentials of Firefighting and Emergency Response are based on core threads that are tied to the program and include:

- Learn and perform interior structural fire operations

Specific Essentials of Firefighting and Emergency Response Learning Objectives from the Pennsylvania State Fire Academy aligning with the recommendations of the National Fire Protection Association

With successful completion of this course, the student will be able to understand, perform and demonstrate competency of all objectives as stated and outlined in the assigned chapters of the *IFSTA – Essentials of Fire Fighting and Fire Department Operations, Seventh Edition* textbook. The student will receive a training certificate for the Level 4 of PA Essentials of Firefighting (Interior Fire Fighter)

Methods of Evaluation

1. Written Exams on materials covered in lectures.
2. Practical Skills Evaluations: Competency Skill is Pass / Fail
3. Comprehensive Final Exam. **Retests for just cause or failure will not exceed 2**

Passing grade is 70% for written evaluations and demonstration of competency by

adequate performance of skill, as required by PA State Fire Academy Skill Assessment Sheet.

Student is required to successfully pass the written and practical assessments.

Grades will be earned on total point basis with a percentage breakdown as follows:

94 - 100 = A	77 - 79 = C+
90 - 93 = A -	73 - 76 = C
87 - 89 = B+	70 - 72 = C-
83 - 86 = B	69 - below = Failure
80 - 82 = B-	

SKILL COMPETENCIES ARE PASS or FAIL

**** All examinations and practical skill sets will be in compliance with the Pennsylvania State Fire Academy curriculum ****

ATTENDANCE REQUIREMENT GUIDELINES

Maximum amount of time that can be missed is **10%** of each module. The student is responsible to complete all reading and study guide assignments regardless of absence.

STUDENT QUALIFICATIONS AND STUDENT SUPPLIED MATERIALS

1. The student must be eighteen (18) years of age prior to the first day of the class.
2. The student **MUST** show that he/she is insured against accidental injury.
3. The student is responsible to provide his/her own personal protective clothes and equipment.

The following minimum gear is required:

- a. Helmet, fire type (or equivalent) with full impact suspension and liner.
- b. Coat, fire type, with liners in place.
- c. Pants, fire type, with liners in place.
- d. Boots, fire type, rubber or leather. Boots must have steel toes and steel insole.
- e. Eye protection, full goggles or wraparound safety glasses are required.
Helmet shields alone are not acceptable as eye protection.
- f. Fire type gloves of leather or Kevlar construction.
- g. Hearing protection, either earplugs or full coverage ear protectors.
- h. NFPA Compliant self-contained breathing apparatus (SCBA)
- i. Notebook and writing implement for both the classroom and the field portions of the course.

**NOTE: ALL WEEKDAY CLASSES ARE FROM 1830 HOURS TO 2230 HOURS
ALL WEEKEND CLASSES ARE FROM 0800 HOURS TO 1700 HOURS**

ELIF – MOD 4	
Sunday 10/16/2022	Air Monitoring (Ch 10) / Search & Rescue & Fire Fighter Survival (Ch 10)
	Ventilation (Ch11) / Hose Streams (Ch 12)
Thursday 10/20/2022	Fire Suppression (Ch 14) / Exterior Fire & Utility Control (Ch 14)
Sunday 10/23/2022	Overhaul (Ch 15) / Air monitoring / Search & Rescue
	Skill Maze with Entanglement / Skills Horizontal Positive & Negative Vent (<i>theatrical smoke drills</i>) Skill Vertical Vent (roof cut)
Thursday 10/27/2022	Skills Contaminant Reduction (wet & dry)
Sunday 10/31/2022	Skills Ladder Rescue Unconscious / Skills Hose Advancement 2 ½ charged to Division 2 / 1 ¾ dry to Division 2 down stairway charge / Standpipe connection to Division 2 (NO LIVE FIRE for these skills)
	Skill Sprinklers - OSY Valve / PIV Valve / Stop Sprinkler flow
Thursday 11/3/2022	Skills Drags & Carries / Skills Salvage (water chute, catchall, clean & inspect) / Skills SCBA Emergencies Mayday, 2 Low Profile escapes thru wall, SCBA Emergency malfunction
Sunday 11/6/2022	Learning Burns / Skills Ground Cover Fire / Skills Vehicle Fire / Skills Stacked – High Pile Fire
	Skills Transition Suppression hydraulic vent / Search & Rescue / Vent & Utility Control (<i>live smoke drills</i>) / Skill Air Monitoring & Overhaul
Thursday 11/10/2022	Written Test (100 Questions)
Sunday 11/13/2022	LIVE BURNS – Skills Interior Suppression / Skills Search & Rescue / Skills Vent & Utility Control
56 hours	