

West Virginia Fire Fighter 1

Fire Fighter 1 (NFPA 1001), 2008 edition

The Fire Fighter 1 (NFPA 1001), 2008 edition has been adopted by the West Virginia State Fire Commission. The following is brief explanation of the recommended process in order to make a seamless adoption of the standard.

The **course** will be the total curriculum as described by the Fire Fighter 1 (NFPA 1001), 2008 edition.

The course will be divided into three topic areas/classes: Fire Fighter 1 core topic, Hazardous Materials (Awareness/Operations) topic, and the First Aid/CPR topic. The candidate/student must complete all topic areas to successfully complete the course. Successful completion of the course is based on attendance, successful completion of skills, and successful completion of the written exams for each component. Students must complete all three topic areas within a one year time period.

Upon successful completion **of all topic areas** the candidate/student will receive a certificate "Fire Fighter 1 (NFPA 1001), 2008 edition".

Fire Fighter 1 core topic area: Upon successful completion of the Fire Fighter core topic area, the candidate/student will receive a **letter** stating that he/she has successfully completed the firefighting core topic area for the Fire Fighter 1 course.

Hazardous Materials (Awareness/Operations) topic area: Upon successful completion on the Hazardous Materials (Awareness/Operations) topic area, the candidate/student will receive a certificate "Hazardous Materials Awareness/Operations NFPA 472, 2008 edition."

First Aid/CPR topic area: Upon successful completion of the First Aid/CPR topic area, the candidate/student will receive a "AHA Heartsaver First Aid" or equivalent card.

In order for the candidate/student to receive the "Fire Fighter 1 (NFPA 1001), 2008 edition" certification, the candidate/ student must submit copies of the Fire Fighter 1 core topic letter, the Hazardous Materials Awareness/Operations NFPA 472 certificate, and a current First Aid/CPR card to either one of the RESA, Public Service Training offices or to West Virginia University Fire Service Extension office.

Submitted by:

West Virginia Department of Education, Public Service Training
West Virginia University-Fire Service Extension
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Fire Fighter 1 NFPA 1001, 2008 edition *Draft*

Fire Fighter 1 Core Curriculum NFPA 1001, 2008 edition

Topic	Time	NFPA Standard 1001, 2008 edition
Intro-Registration & Overview	0.5 hours	N/A
Fire Department Organization & History	1.0 hours	5.1, 5.1.1, 5.1.2
Fire Service Communication	1.0 hours 3 Skills	5.2.1, 5.2.1A, 5.2.1.B, 5.2.2, 5.2.2A, 5.2.2.B, 5.2.3, 5.2.3A, 5.2.3.B
Incident Command System	4.0 hours	Not contained in FF1, but student needs a basic understanding of ICS to function on the fireground.
Building Construction	4.0 hours	5.3.3, 5.3.9, 5.3.10, 5.3.12, 5.3.12.A
Response & Size-up	2.0 hours 3 Skills	5.3.2, 5.3.2.A, 5.3.2.B, 5.3.3, 5.3.3.A, 5.3.3.B, 5.3.18, 5.3.18.A
Fire Behavior	4.0 hours	5.3.3.A, 5.3.10.A, 5.3.11.A, 5.3.12.A, 5.3.16,
Portable Extinguishers	2.0 hours 1 Skill	5.3.16, 5.3.16.A, 5.3.16.B
Fire Fighter Survival	4.0 hours 3 Skills	5.3.1.B, 5.3.5, 5.3.5.A, 5.3.5.B, 5.3.9.B
Fire Fighter Safety, PPE & SCBA	6.0 hours 9 Skills	5.1.1, 5.1.2, 5.3, 5.3.1, 5.3.1.A, 5.3.1.B, 5.5.1,
Forcible Entry	3.0 hours 4 Skills	5.3.4, 5.3.4.A, 5.3.4.B, 5.3.14.A
Ventilation (Horizontal & Vertical)	4.0 hours 5 Skills	5.3.11, 5.3.11.A, 5.3.11.B, 5.3.12, 5.3.12.A, 5.3.12.B
Ropes & Knots	3.0 hours 15 Skills	5.1.1, 5.1.2, 5.5.1
Ladders	4.0 hours 12 Skills	5.3.6, 5.3.6.A, 5.3.6.B, 5.3.10, 5.5.1
Search and Rescue	4.0 hours 15 Skills	5.3.9, 5.3.9.A, 5.3.9.B
Fire Streams, Nozzles and Foam	3.5 hours 2 Skills	5.3.7.B 5.3.10.A, 5.3.10.B, 5.3.13.B
Fire Hose and Appliances	3.5 hours 18 Skills	5.3.10, 5.3.10.A, 5.3.10.B, 5.3.15, 5.3.15.A, 5.3.15.B, 5.5.2, 5.5.2.A, 5.5.2.B
Water Supply	3.5 hours 6 Skills	5.3.15.A, 5.3.15.B
Vehicle Fires and Scene	3.5 hours	5.3.7, 5.3.7.A, 5.3.7.B

Fire Fighter 1 NFPA 1001, 2008 edition *Draft*

Awareness	2 Skills	
Fire Suppression	8.0 hours 5 Skills	5.3.8, 5.3.8.A, 5.3.8.B, 5.3.10, 5.3.10.A, 5.3.10.B, 5.3.18.B
Fire Detection, Suppression Systems & Sprinkler Operations	2.0 hours 1 Skill	5.3.14.A, 5.3.14.B
Fire Prevention, Public Education & Fire Cause and Determination	2.0 hours	5.5, 5.3.8, 5.3.8.A, 5.3.8.B, 5.3.13, 5.3.13.A, 5.3.13.B, 5.3.14.B
Wildland and Ground Fires	2.0 hours 1 Skill	5.3.19, 5.3.19.A, 5.3.19.B
Overhaul and Salvage	2.0 hours 13 Skills	5.3.8.B, 5.3.10.A, 5.3.13, 5.3.13.A, 5.3.13.B, 5.3.14, 5.3.14.A, 5.3.14.B, 5.3.17, 5.3.17.A, 5.3.17.B, 5.5.1
Review and Testing	3 hours	N/A
Total Hours Fire Fighter Core	79.5 hours	

Hazardous Materials Awareness/Operations NFPA 472, 2008 edition.

Topic	Time	NFPA Standard 472, 2008 Edition
Haz-Mat Laws and Regulations	2 hours	4.1.1.1, 4.1.1.2, 4.1.1.3, 4.1.2.1, 4.1.2.2, 4.2.1, 4.2.2, 4.4.1, 5.1, 5.1.1, 5.1.1.1, 5.1.1.2, 5.1.1.3, 5.1.2.1, 5.1.2.2, 5.2.1.1,
Hazardous Materials: Recognition and Identification	5 hours	4.1.2.2, 4.2.1, 4.2.2, 4.4.1, 5.1.2, 5.2.1, 5.2.1.1.1, 5.2.1.1.2, 5.2.1.1.3, 5.2.1.1.4, 5.2.1.1.5, 5.2.1.1.6, 5.2.1.2, 5.2.1.2.1, 5.2.1.2.2, 5.2.1.3, 5.2.1.3.1, 5.2.1.3.2, 5.2.1.3.3, 5.2.2, 5.2.3, 6.6.4.1
Information Resources	3.75 hours 1 Skill	4.1.2.2, 4.2.1, 4.2.2, 4.2.3, 4.4.1, 5.1.2.2, 5.2.1.1, 5.2.1.4, 5.2.1.5, 5.2.2, 5.2.4
Personal Protective Equipment (Chemical)	6.25 hours 5 Skills	4.4.1, 5.1.2.2, 5.2.3, 5.3.3, 5.4.4
Protective Actions	6.5 hours 3 Skills	4.1.2, 4.4.1, 5.1.2.2, 5.2.3, 5.3.1, 5.3.2, 5.3.4, 5.4.1, 5.4.3, 5.4.4, 5.5.1, 5.5.2, 6.6.1.2.2, 6.6.3.1, 6.6.4.1
Product Control and Air	5 hours	5.3.1, 6.6.1.2.2, 6.6.3.1,

Fire Fighter 1 NFPA 1001, 2008 edition *Draft*

Monitoring	13 Skills	6.6.4.1
Terrorism Awareness	3.5 hours 3 Skills	4.2.1, 4.4.1, 5.2.1.4, 5.2.1.6, 5.2.3, 5.3.1, 5.3.2, 5.4.1, 6.6.3.1
Review and Testing	2.5 hours	N/A
Total Hazardous Materials Awareness/Operations	34.5 hours	

First Aid and CPR

Topic	Time	NFPA Standard 1001, 2008 edition
First Aid and CPR	6 hours	4.3

Note: Additional time up to 8 hours may be required should Haz-Mat Awareness/Operations be taught before fire fighter 1 core material. *Due to SCBA training requirements.*

First Aid/CPR - Since the class length varies depending on the agency supplying the course an average of 6 hours is allotted for this section.

Total approximate time for course will be 120 hours. Students must successfully complete fire fighter 1 core curriculum, hazardous materials awareness/operations and first aid/CPR in order to receive Fire Fighter 1 NFPA 1001, 2008 edition certification. Students will be expected to complete all three sections within a one year time period.

Course scheduling to be determined by the training agency in cooperation with sponsoring fire department(s).

Blended Learning/Online Learning

Blended learning is the combination of using classroom instruction and distance learning to create the optimum training program for students. In referring to online learning, students would not use a traditional classroom for instruction, but would participate in a virtual classroom. Both of these options could be applied to a class to allow a reduction in the number of contact hours the student would have to have with an instructor. RESA and WVU Fire Service Extension realize that these distance learning options will not be feasible in all areas of the state. The traditional classroom approach will always be available to the student.

Students participating in a blended learning/online class need to possess unique qualities. In general, the online student should possess the following qualities:

1. Be open minded about sharing life, work and educational experiences as part of the learning process.
2. Be able to communicate through writing.

3. Be self-motivated and self-disciplined. With the freedom and flexibility of the online environment comes responsibility. The online process takes a real commitment and discipline to keep up with the flow of the process.
4. Be willing and able to commit to 4 to 15 hours per week for the course.
5. Be able to meet the minimum requirements for the program. The requirements for the online are no less than that of any other quality educational program. The successful student will view online as a convenient way to receive their education – not an easier way.
6. Be willing to speak up if problems arise. Many of the non-verbal communication mechanisms that instructors use in determining whether students are having problems (confusion, frustration, boredom, absence, etc.) are not possible in the online paradigm. If a student is experiencing difficulty on any level (either with technology or with the course content), they must communicate this immediately. Otherwise the instructor will never know what is wrong.
7. Accept critical thinking and decision making as part of the learning process.
8. Have access to a computer and high speed internet. Students will be required to have an e-mail address to participate in this program.
9. Be able to think ideas through before responding.
10. Feel that high quality learning can take place without going to a traditional classroom. An online student is expected to:
 - a. Participate in the virtual classroom 5-7 days a week
 - b. Be able to use the technology properly
 - c. Be able to meet the minimum standards as set forth by RESA Public Service Training and West Virginia Fire Service Extension.
 - d. Be able to complete assignments on time.

The online learning process is normally accelerated and requires commitment on the student's part. Staying up with the class and completing all work on time is vital. Once a student gets behind, it is almost impossible to catch up. Basically, the student needs to want to be there, and needs to want the experience.