

***International Fire Service Certification Program***  
2019 Edition



**FIRE PROTECTION TECHNOLOGY**

***Certification Guide***  
***Fire Fighter I***



**NFPA 1001**  
***Standard for Fire Fighter Professional Qualifications***  
**2019 Edition**

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## Basic Certification Information

Each individual seeking International Fire Service Accreditation Congress (IFSAC) accredited certification from Portland Community College (PCC), Fire Protection Technology (FPT) Program **MUST** do the following:

- **Register**; and
- **Submit an Application for Certification Testing Date**.

The Registration and Application for Certification Testing Date **MUST** be completed online. A list of current fees and the online registration and test date application forms may be found at: <http://www.pcc.edu/programs/fire-protection/>.

Once a person has **Registered** and submitted an **Application for Certification Testing Date**, PCC FPT will evaluate the registration and application to ensure the person meets the criteria for the certification level for which they applied. The requirements for **Fire Fighter I** certification are located on page 4 of this guidebook. Following the evaluation, the person will be notified whether they meet the criteria for admission into the **Certification Process**. Upon acceptance into the **Certification Process**, the person is considered a **candidate for certification** and has **one year to complete** the process.

During the **Certification Process** for Fire Fighter I, candidates are responsible to know and be able to perform all job performance requirements (JPRs), requisite knowledge and requisite skills, identified in Chapter 4, Fire Fighter I, of NFPA 1001, *Standard for Fire Fighter Professional Qualifications*, 2019 Edition.

Certification candidates are given two opportunities to successfully complete the written and skills portions of the certification examination component, including the original examination. The candidate must complete both the written and skills portions within the 12 month certification period. Failure to successfully complete all portions (written and skill examinations) within the 12 month period, will be deemed as failure of the attempted certification level.

Candidates that fail a certification level must reapply by submitting a new completing a **Registration** for a new test and an **Application for Certification Testing Date**, including paying appropriate application fees.

## Fire Fighter I Certification Process

The certification examination process for becoming certified as a Fire Fighter I is as follows:

- Candidate must complete the online **Registration**.
- Candidate must complete the online **Application for Certification Testing Date**, including a statement of ability to perform skills at least 15 days prior to the requested test date.
- Candidate must take the Fire Fighter I written examination and skills examination (written and skill testing). **NOTE:** The written and skills tests may be taken on the same testing date or on different testing dates, i.e., the written may be taken on one date and the skills may be taken at a later date as long as it occurs within the 12 month certification period.
- Written examinations **will not be scored** at the testing site.

- Fire Fighter I certification written examination:
  - A score of 70 percent or more is required on the written examination to receive a passing grade on the written portion of the certification examination process.
  - A score of 69 percent or less on the written examination is deemed failing. Candidates that score 69% or less will be deemed to have failed the written portion of the certification examination process.
  - If the test (initial test) is failed, the candidate must schedule a second written test (retest) to occur between 21 days and 6 months following the first failed written test. This second test will be a new, randomly generated, written test.
  - If the second test (retest) is failed, the candidate will be considered to have failed the entire certification process.
- Fire Fighter I certification skills examination:
  - Candidates will be tested over a minimum of eight (8) randomly selected skill events from the complete list of Fire Fighter I skill events identified in this certification guidebook.
  - Candidates should be prepared to test on any skill event listed.
  - Skill event examinations are assessed on a *Pass/Fail* basis.
  - **ALL** skill events selected as part of the certification examination process must be passed to receive a passing score for the skills examination component of the certification process.
  - The candidate will be considered to have passed the skills assessment portion of the certification examination process if all skill events tested during the certification skills examination portion are passed on either the first or second attempt.\*
    - \* **IMPORTANT NOTE:** During the first skills examination, the candidate will be provided two attempts to pass each skill event. If the first attempt is failed, the candidate will, immediately, be provided a second attempt to pass the skill event. If the second attempt is failed, the candidate will be considered to have failed the event.
  - Candidates that fail a one or two skill events **are not** considered to have failed the entire skills examination process, but only the individual event or events.
  - Candidates that fail one or two skill events must retest the skill event or events failed and a randomly selected event for each skill event failed.
  - Candidates that fail three skill events will be considered to have failed the entire skill examination test and must retest an entire new set of skill events consisting of a minimum of eight (8) randomly selected skill events.
  - The skill retest must be scheduled to occur between 21 days and 6 months following the first failed test.
  - The second test (retest) will be conducted as follows:
    - The candidate will be given “one attempt” (**not** two attempts as provided in the first test) to pass each failed skill event from the first skills test.
    - If the skill events failed as part of the first skill test are passed on the first attempt, the candidate will be required to pass an additional, randomly, selected skill event for each event failed during the first test. **NOTE:** The candidate will be provided two attempts to pass each of the randomly selected skill events.
    - If the original skill events and the randomly selected events are passed, the candidate will be deemed to have passed the skills examination portion of the certification examination process.
    - If the candidate fails to pass the skill event, or events, failed during the first test or fails a randomly selected skill event during the retest, the candidate will be deemed to have failed the entire certification process.
- If the certification process is failed, the candidate must wait 12 months, from the original examination date (**not** the *Registration date*), to reapply for certification at the Fire Fighter I level.
- If a skill or written examination is failed during the first test, the candidate is responsible for registering online for the retest.

**Requirements for admission to the Fire Fighter I certification written and/or skills examination process, including retests:**

- **An official government issued ID (state or federal) with picture must be shown for admittance to all examinations, including retests.**
- **Documentation of a fit test must be provided at the time of skill testing. The fit test must be current as of the actual test date.**
- **Candidates must use the size and type of SCBA facepiece utilized during the fit test.**
- **Candidates must provide proof they are medically able to use a respirator per Oregon Occupational Safety and Health Administration (OR-OSHA) requirements.**
- **Candidates must provide proof of certification to Chapter 5, Core Competencies for Operations Level Responders; Section 6.2, Mission-Specific Competencies: Personal Protective Equipment; and Section 6.6, Mission-Specific Competencies: Product Control; identified in NFPA 1072, *Standard for Hazardous Materials/Weapons of Mass Destruction Emergency Response Personnel Professional Qualifications*, 2017 Edition. Documentation of previous certification must include a certificate with an IFSAC seal and registry number.**

## Certification Examination Instructions Fire Fighter I NFPA 1001-2019

### Certification Prerequisites and Requirements:

Candidates seeking Fire Fighter I certification from PCC, FPT must meet the following requirements:

1. Candidates must meet the age and residency requirement as identified in **Chapter Four**, of PCC, FPT *Certification Policy and Procedure Manual*, September 2011.
2. Candidates must provide **“official verification”** of the following requirements before they will be permitted to test for Fire Fighter I certification. They:
  - are medically capable to safely perform the required tasks identified in Chapter 4, Fire Fighter I, of NFPA 1001, *Standard for Fire Fighter Professional Qualification*, 2019 Edition.
  - meet the physical fitness requirements for entry-level personnel as developed by the AHJ.
3. Proof of SCBA facepiece fit test within the past 12 months for the size and type of face mask to be used in the certification test.
4. Candidates must provide proof they are medically able to use a respirator per Oregon Occupational Safety and Health Administration (OR-OSHA) requirements. Documentation must include an original document with a physician’s signature or a copy from the candidate’s fire department personnel records with an original signature from the fire chief, training officer, or Human Resources supervisor.
5. Successful completion of written and skills examination at the Fire Fighter I level.
6. Candidates must provide proof of certification to Chapter 5, Core Competencies for Operations Level Responders; Section 6.6, Mission-Specific Competencies: Product Control and Section; and 6.2, Mission-Specific Competencies: Personal Protective Equipment; as identified in NFPA 1072, *Standard for Hazardous Materials/Weapons of Mass Destruction Emergency Response Personnel Professional Qualifications*, 2017. Documentation of previous certification must include a certificate with an IFSAC seal and registry number. **NOTE: Candidates that have not certified to this level prior to testing at the Fire Fighter I level will have their certification held until such time as proof of certification to Chapter 5, Core Competencies for Operations Level Responders; Section 6.6, Mission-Specific Competencies: Product Control and Section; and 6.2, Mission-Specific Competencies: Personal Protective Equipment; as identified in NFPA 1072, Standard for Hazardous Materials/Weapons of Mass Destruction Emergency Response Personnel Professional Qualifications, 2017.**

Candidates that meet all the identified requirements will be awarded certification at the Fire Fighter I level and receive a certificate with an official IFSAC seal and registry number.



## Certification Examination Process

### Written Examination:

The Fire Fighter I written examination component of the certification examination process consists of one written test based on **Requisite Knowledge** listed in Chapter 4, Fire Fighter I, of NFPA 1001, *Standard for Fire Fighter Professional Qualifications*, 2019 Edition.

- Candidates are required to score a minimum of 70% on the test.
- The Fire Fighter I test contains 100 multiple choice test items covering Fire Fighter I level knowledge requirements as identified in Chapter 4, NFPA 1001-2019.
- Candidates are allowed two (2) hours to complete the test.
- Test items are constructed using the multiple choice format.

### Example:

1. How many tests items are on the Fire Fighter I certification examination?
  - a. 25
  - b. 50
  - c. 75
  - d. 100

### Skills Examination:

The Fire Fighter I skills examination component of the certification examination consists of practical skill assessments based on the **Requisite Skills** and **Job Performance Requirements** (JPRs) listed in Chapter 4, Fire Fighter I, of NFPA 1001, *Standard for Fire Fighter Professional Qualifications*, 2019 Edition.

- Candidates will be assessed on a minimum of eight (8), randomly selected skill events.
- Candidates will be required to pass all skill examinations assessed.
- All skill examinations are scored on a pass/fail basis.
- All skill evaluation forms are included in this guide.

### References and Textbooks:

- IFSTA, *Essentials of Fire Fighting*, 7<sup>th</sup> Edition.
- NFPA 1001, *Standard for Fire Fighter Professional Qualifications*, 2019 Edition.
- Portland Community College, *Fire Academy Skills Booklet*, 2019 Edition.

## Required Equipment For Fire Fighter I Certification Examination

1. Each candidate applying to certify at the Fire Fighter I level is required to bring the following NFPA compliant personal protective clothing and equipment to the test site:
  - Structural fire fighting helmet.
  - Structural fire fighting gloves.
  - Structural fire fighting boots (leather or rubber).
  - Structural fire fighting protective hood.
  - Structural fire fighting turnout coat.
  - Structural fire fighting turnout pants with suspenders.
  - Safety glasses or goggles (ANSI Standard Z87.1 compliant).
  - Self-contained breathing apparatus (SCBA). **NOTE:** SCBA may be shared among candidates from the same department so long as each candidate has been fit-tested and there is a mask of appropriate size for each candidate.
  - Personal Alert Safety System (PASS) device. The PASS may be an individual unit affixed to the SCBA or integrated into the SCBA.
  
2. The following are **recommended**, but not required of candidates:
  - NFPA compliant uniform “t-shirt”
  - NFPA compliant uniform pants
  - Outer garment suitable for the weather
  - Water or sports drink for hydration
  - Sun screen
  
3. Candidates may **NOT** wear nylon or polyester clothing due to the potential of thermal injuries during testing that involves live fire.

### **Mask Fit Compliance:**

During the skills portion of the Fire Fighter I certification examination, candidates may be exposed to immediately dangerous to life and health (IDLH) atmospheres. As a result, **ALL** candidates **MUST** provide documentation of SCBA facepiece fit-testing in compliance with 29 CFR 1910.134. The fit-test **MUST** have been completed sometime during the 12 months prior to the date of the skills testing portion of the certification examination. Candidates **WILL NOT** be permitted to participate in the skills testing portion of the certification examination without documentation or if the fit-test was conducted more than 12 months prior to the date of the skills testing portion of the certification examination.

Candidates with beards, facial hair, or unshaven in the area of the SCBA facepiece seal **WILL NOT** be permitted to participate in the skills testing portion of the Fire Fighter I certification examination.

## Written Examination Study Guide Fire Fighter I

### Standard:

All written examination test items are based on Chapter 4, Fire Fighter I, of NFPA 1001, *Standard for Fire Fighter Professional Qualifications*, 2019 edition. Reference to the NFPA 1001 standard in the following study guide material is not the complete or official position of the NFPA. The official position of the NFPA is only represented by the “Standard” when printed in its entirety

### Reference:

Any textbook covering basic firefighting knowledge and techniques appropriate for “fire academy” instruction can be used to prepare for the Fire Fighter I written examination. However, PCC has chosen to adopt and reference the International Fire Service Training Association (IFSTA), *Essentials of Fire Fighting*, 7<sup>th</sup> Edition, 2018.

NFPA Standard Section & Number	IFSTA Reference Page(s)
<p><b>General Knowledge Requirements: 4.1.1</b></p> <ul style="list-style-type: none"> <li>• FD organization</li> <li>• FF-I role in the organization</li> <li>• Mission of fire service</li> <li>• FD’s SOPs and rules and regulations as they apply to the Fire Fighter I</li> <li>• Value of fire and life safety initiatives in support of the fire department mission and to reduce fire fighter line-of-duty injuries and fatalities</li> <li>• Role of other agencies as related to FD</li> <li>• FD member assistance program</li> <li>• Importance of physical fitness and a healthy lifestyle to the performance of the duties of a fire fighter</li> <li>• Critical aspects of NFPA 1500, <i>Standard on Fire Department Occupational Safety and Health Program</i></li> </ul>	11–55, 198-201
<p><b>Fire Department Communications: 4.2.1</b></p> <ul style="list-style-type: none"> <li>• Procedures for reporting emergency</li> <li>• FD SOPs for taking and receiving alarms</li> <li>• Radio codes, or procedures</li> <li>• Information needs of dispatch center</li> </ul>	57-72
<p><b>Fire Department Communications: 4.2.2</b></p> <ul style="list-style-type: none"> <li>• FD procedures for answering nonemergency telephone calls</li> </ul>	57–72
<p><b>Fire Department Communications: 4.2.3</b></p> <ul style="list-style-type: none"> <li>• FD radio procedures and etiquette for routine traffic, emergency traffic, and emergency evacuation signals</li> </ul>	57-72
<p><b>Fire Department Communications: 4.2.4</b></p> <ul style="list-style-type: none"> <li>• Personnel accountability systems</li> <li>• Emergency communication procedures</li> <li>• Emergency evacuation methods</li> </ul>	11–55, 433-489

<p><b>Fire Ground Operations: 4.3.1</b></p> <ul style="list-style-type: none"> <li>• Conditions requiring respiratory protection</li> <li>• Uses and limitation of SCBA</li> <li>• Components of SCBA</li> <li>• Donning procedures</li> <li>• Breathing techniques</li> <li>• Indications for and emergency procedures used with SCBA</li> <li>• Physical requirements of SCBA users</li> </ul>	183–249, , 433–489,
<p><b>Fire Ground Operations: 4.3.2</b></p> <ul style="list-style-type: none"> <li>• Mounting and dismounting procedures for riding fire apparatus</li> <li>• Hazards and ways to avoid hazards associated with riding apparatus</li> <li>• Prohibited practice</li> <li>• Types of department personal protective equipment and the means for usage</li> </ul>	11–55, 433-489
<p><b>Fire Ground Operations: 4.3.3</b></p> <ul style="list-style-type: none"> <li>• Potential hazards involved in operating on emergency scenes including vehicle traffic, utilities, and environmental conditions</li> <li>• Procedures for dismounting in traffic</li> <li>• Procedures for safely operating at emergency scenes</li> <li>• Protective equipment available for members' safety on emergency scenes</li> <li>• Work zone designations</li> </ul>	11–55, 183-249
<p><b>Fire Ground Operations: 4.3.4</b></p> <ul style="list-style-type: none"> <li>• Basic construction of typical doors, windows, and walls within the department's community or service area</li> <li>• Operation of doors, windows, and locks</li> <li>• Dangers associated with forcing entry through doors, windows, and walls</li> </ul>	77–114, 371-430
<p><b>Fire Ground Operations: 4.3.5</b></p> <ul style="list-style-type: none"> <li>• Personal accountability system</li> <li>• Communications procedures</li> <li>• Emergency evacuation methods</li> <li>• What constitutes a Safe havens</li> <li>• Elements that create or indicate a hazard</li> <li>• Emergency procedures for loss of air supply</li> </ul>	433-489
<p><b>Fire Ground Operations: 4.3.6</b></p> <ul style="list-style-type: none"> <li>• Parts of ladders</li> <li>• What constitutes a stable foundation for ladder placement</li> <li>• Different angles for various tasks</li> <li>• Safety limits to the degree of angulation</li> <li>• What constitutes a reliable structural component for top placement</li> </ul>	315-368

<p><b>Fire Ground Operations: 4.3.7</b></p> <ul style="list-style-type: none"> <li>• Principles of fire streams as they relate to fighting automobile fires</li> <li>• Precautions for advancing hose lines toward an automobile fire</li> <li>• Precautions to be followed when advancing hose lines</li> <li>• Observable results that a fire stream has been properly applied</li> <li>• Identifying alternative fuels and the hazards associated with them</li> <li>• Dangerous conditions created during an automobile fire</li> <li>• Common types of accidents or injuries related to fighting automobile fires and how to avoid them</li> <li>• How to access locked passenger, trunk, and engine compartments</li> <li>• Methods for overhauling an automobile</li> </ul>	587–665, 669-736
<p><b>Fire Ground Operations: 4.3.8</b></p> <ul style="list-style-type: none"> <li>• Types of attack lines and water streams appropriate for attacking stacked, piled materials and outdoor fires</li> <li>• Dangers associated with stacked and piled materials</li> <li>• Extinguishing agents and their effect on material configurations</li> <li>• Tools and methods to use in break up various types of materials</li> <li>• Difficulties related to complete extinguishment of stacked and piled materials</li> <li>• Water application methods for exposure protection and fire extinguishment</li> <li>• Dangers such as exposure to toxic or hazardous materials associated with storage building and container fires</li> <li>• Obvious signs of origin and cause</li> <li>• Techniques for the preservation of fire cause evidence</li> </ul>	541-780
<p><b>Fire Ground Operations: 4.3.9</b></p> <ul style="list-style-type: none"> <li>• Use of forcible entry tools during rescue operations</li> <li>• Ladder operations for rescue</li> <li>• Psychological effects of operating in obscured conditions and ways to manage them</li> <li>• Methods to determine if an area is tenable</li> <li>• Primary and secondary search techniques</li> <li>• Team members' roles and goals</li> <li>• Methods to use and indicators of finding victims</li> <li>• Victim removal methods (including various carries)</li> <li>• Considerations related to respiratory protection</li> </ul>	315-489

<p><b>Fire Ground Operations: 4.3.10</b></p> <ul style="list-style-type: none"> <li>• Principles of fire streams</li> <li>• Types, design, operation, and nozzle pressure effects</li> <li>• Flow capabilities of nozzles</li> <li>• Precautions to be followed when advancing hose lines to a fire</li> <li>• Observable results that a fire stream has been properly applied</li> <li>• Dangerous building conditions created by fire</li> <li>• principles of exposure protection</li> <li>• Potential long-term consequences of exposure to products of combustion</li> <li>• Physical states of matter in which fuels are found</li> <li>• Common types of accidents or injuries and their causes</li> <li>• Application of each size and type of attack line</li> <li>• Role of the backup team in fire attack situations</li> <li>• Attack and control techniques for grade level and above and below grade levels</li> <li>• Exposing hidden fires</li> </ul>	<p>11–55, 117-180, 315-368, 433-489, 541-780</p>
<p><b>Fire Ground Operations: 4.3.11</b></p> <ul style="list-style-type: none"> <li>• Principles, advantages, limitations, and effects of horizontal ventilation mechanical, and hydraulic ventilation</li> <li>• Safety considerations when venting a structure</li> <li>• Fire behavior in a structure</li> <li>• Products of combustion found in a structure fire</li> <li>• Signs, causes, effects, and prevention of backdrafts</li> <li>• Relationship of oxygen concentration to life safety and fire growth</li> </ul>	<p>117-180, 315-430, 493-538, 669-736</p>
<p><b>Fire Ground Operations: 4.3.12</b></p> <ul style="list-style-type: none"> <li>• Methods of heat transfer</li> <li>• Principles of thermal layering within a structure on fire</li> <li>• Techniques and safety precautions for venting flat roofs, pitched roofs, and basements</li> <li>• Basic Indicators of potential collapse or roof failure</li> <li>• Effects of construction type and elapsed time under fire conditions on structural integrity</li> <li>• Advantages and disadvantages of vertical and trench/strip ventilation</li> </ul>	<p>77-180, 277-368, 493-538</p>
<p><b>Fire Ground Operations: 4.3.13</b></p> <ul style="list-style-type: none"> <li>• Types of fire attack lines water application devices most effective for overhaul</li> <li>• Water application methods for extinguishment that limit water damage</li> <li>• Types of tools and methods to expose hidden fire</li> <li>• Dangers associated with overhaul</li> <li>• Obvious signs of area of origin or signs of arson</li> <li>• Reasons for protection of fire scene</li> </ul>	<p>669-780</p>

<p><b>Fire Ground Operations: 4.3.14</b></p> <ul style="list-style-type: none"> <li>• Purpose of property conservation and its value to the public</li> <li>• Methods used to protect property</li> <li>• Types of and uses for salvage covers</li> <li>• Operations at properties protected with automatic sprinklers</li> <li>• How to stop the flow of water from an automatic sprinkler head</li> <li>• Identification of the main control valve on an automatic sprinkler system</li> <li>• Forcible entry issues related to salvage</li> <li>• Procedures for protecting possible areas of origin and potential evidence</li> </ul>	669-780
<p><b>Fire Ground Operations: 4.3.15</b></p> <ul style="list-style-type: none"> <li>• Loading and off-loading procedures for mobile water supply apparatus</li> <li>• Fire hydrant operation</li> <li>• Suitable static water supply sources</li> <li>• procedures and protocol for connecting to various water sources</li> </ul>	587-665
<p><b>Fire Ground Operations: 4.3.16</b></p> <ul style="list-style-type: none"> <li>• Classifications of fire</li> <li>• Types of, rating systems for, and risks associated with each class of fire</li> <li>• Operating methods of and limitations of portable extinguishers</li> </ul>	253-273
<p><b>Fire Ground Operations: 4.3.17</b></p> <ul style="list-style-type: none"> <li>• Safety principles and practices</li> <li>• Power supply capacity and limitations</li> <li>• light deployment methods</li> </ul>	11-55
<p><b>Fire Ground Operations: 4.3.18</b></p> <ul style="list-style-type: none"> <li>• Properties, principles, and safety for electricity, gas, and water systems</li> <li>• Utility disconnect methods and associated dangers</li> <li>• Use of required safety equipment</li> </ul>	669-736
<p><b>Fire Ground Operations: 4.3.19</b></p> <ul style="list-style-type: none"> <li>• Types of ground cover fires</li> <li>• Parts of ground cover fires</li> <li>• Methods to contain or suppress ground cover fires</li> <li>• Safety principles and practices for ground cover fires</li> </ul>	669-736

<b>Fire Ground Operations: 4.3.20</b> <ul style="list-style-type: none"> <li>• Knot types and usage</li> <li>• Difference between life safety and utility rope</li> <li>• Reasons for placing rope out of service</li> <li>• Types of knots to use for given tools, ropes, or situations</li> <li>• Hoisting methods for tools and equipment</li> <li>• using rope to support response activities</li> </ul>	277-311
<b>Rescue Operations: No Requirements.</b>	
<b>Prevention, Preparedness, and Maintenance: 4.5.1</b> <ul style="list-style-type: none"> <li>• Types of cleaning methods for tools and equipment</li> <li>• Correct use of cleaning solvents</li> <li>• Manufacturer's or departmental guidelines for cleaning equipment and tools</li> </ul>	183-249, 277-430, 493-540, 739-780
<b>Prevention, Preparedness, and Maintenance: 4.5.2</b> <ul style="list-style-type: none"> <li>• Departmental procedures for noting a defective hose and removing it from service</li> <li>• Cleaning methods</li> <li>• Hose rolls and loads</li> </ul>	541-583

**Cumulative reading pages, for written test, in numerical order.**

**IFSTA, *Essentials of Fire Fighting, 7<sup>th</sup> edition:***

- Chapter 1: 20-40
- Chapter 2: 46-66, 73-85, 88-91
- Chapter 3: 96-109, 112-115, 117, 124-129
- Chapter 4: 134-137, 142, 144-148, 157-162, 165, 181-182, 187, 189, 191-192, 195-196, 198
- Chapter 5: 208-216, 216-253
- Chapter 6: 259-303, 307-325, 326-334
- Chapter 7: 340-365
- Chapter 8: 376-398
- Chapter 9: 422-475
- Chapter 10: 479-484, 487, 504-505, 593-596, 624-649, 654-665
- Chapter 11: 573-623, 627-649
- Chapter 12: 663-686, 690-726
- Chapter 13: 732-768
- Chapter 14: 784-810, 818,
- Chapter 15: 816-866, 868-871, 875-937
- Chapter 16: 944-967, 971, 988-992
- Chapter 17: 1004-1093, 1096-1097
- Chapter 18: 1104-1138, 1139-1140
- Chapter 19: 1145-1164
- Chapter 20: 1171
- Chapter 21: 1200, 1222-1240



## Skills Examination Study Guide Fire Fighter I

### Standard:

All skills examination test items are based on Chapter 4, Fire Fighter I, of NFPA 1001, *Standard for Fire Fighter Professional Qualifications*, 2019 Edition. This material is not the complete or official position of the NFPA. The official position of the NFPA is only represented by the “Standard” when printed in its entirety.

### References:

**Textbook:** Any textbook covering basic firefighting knowledge and techniques appropriate for “fire academy” instruction can be used to prepare for the Fire Fighter I skills examination. However, PCC has chosen to adopt and reference the International Fire Service Training Association, *Essentials of Fire Fighting*, 7<sup>th</sup> edition, 2018.

**Skill Events Booklet:** For instructional purposes, PCC has developed and publishes a skills booklet: Fire Protection Program, *Fire Academy Skills Booklet*, 2019 edition, for use in teaching its Fire Academy Part I & II courses; FP 111 and FP 112 respectively. The booklet is available for purchase in the PCC Cascade Bookstore.

This guidebook references skill sheets included in IFSTA, *Essentials of Fire Fighting*, 7<sup>th</sup> edition, and FPT, *Fire Academy Skills Booklet*, 2019 edition.

NFPA Standard Section & Number	Skills Booklet Reference Page
<b>General Skill Requirements: 4.1.2</b> <ul style="list-style-type: none"> <li>• Don personal protective clothing</li> <li>• Doff personal protective clothing</li> <li>• Hoisting tools and equipment</li> <li>• Locate information in departmental documents</li> <li>• Locate information in standards and codes</li> </ul>	Skill #1 p. 3 Skill #2 p. 5
<b>Fire Department Communications: 4.2.1</b> <ul style="list-style-type: none"> <li>• Initiate response to emergency</li> <li>• Operate communications equipment</li> <li>• Relay information</li> <li>• Record information</li> </ul>	Skill #3 p. 9
<b>Fire Department Communications: 4.2.2</b> <ul style="list-style-type: none"> <li>• Receive a telephone call</li> </ul>	Skill #4 p. 11
<b>Fire Department Communications: 4.2.3</b> <ul style="list-style-type: none"> <li>• Transmit and receive messages via FD radio</li> <li>• Discriminate between routine and emergency traffic</li> </ul>	Skill #5 p. 13
<b>Fire Department Communications: 4.2.4</b> <ul style="list-style-type: none"> <li>• Initiate an emergency call for assistance in accordance with the AHJ's procedures</li> <li>• Ability to use other methods of emergency calls for assistance</li> </ul>	Skill #6A p. 15 Skill #6B p. 17

<p><b>Fire Ground Operations: 4.3.1</b></p> <ul style="list-style-type: none"> <li>• Use SCBA during emergency operations</li> <li>• Control breathing</li> <li>• Replace SCBA air cylinders</li> <li>• Use SCBA to exit through restricted passages</li> <li>• Initiate and complete emergency procedures in the event of SCBA failure or air depletion</li> <li>• Complete donning procedures</li> </ul>	<p>Skill #7 p. 19 Skill #7A p. 23 Skill #7B p. 25 Skill #7C p. 27</p>
<p><b>Fire Ground Operations: 4.3.2</b></p> <ul style="list-style-type: none"> <li>• Respond on apparatus to emergency</li> <li>• Use each piece of provided safety equipment</li> </ul>	<p>Skill #8 p. 29</p>
<p><b>Fire Ground Operations: 4.3.3</b></p> <ul style="list-style-type: none"> <li>• Establish and operate in work areas at emergency scenes</li> <li>• Use personal protective clothing</li> <li>• Deploy traffic and scene control devices</li> <li>• Dismount apparatus</li> <li>• Operate in the protected work areas as directed</li> </ul>	<p>Skill #9 p. 31</p>
<p><b>Fire Ground Operations: 4.3.4</b></p> <ul style="list-style-type: none"> <li>• Force entry into structure</li> <li>• Transport and operate hand and power tools</li> <li>• Force entry through doors, windows, and walls using assorted methods and tools</li> </ul>	<p>Skill #10A p. 33 Skill #10B p. 35 Skill #10C p. 37</p>
<p><b>Fire Ground Operations: 4.3.5</b></p> <ul style="list-style-type: none"> <li>• Exit a hazardous area</li> <li>• Operate as a team member in vision-obscured conditions</li> <li>• Locate and follow a guideline</li> <li>• Conserve air supply</li> <li>• Evaluate areas for hazards</li> <li>• Identify a safe haven</li> </ul>	<p>Skill #11 p. 39</p>
<p><b>Fire Ground Operations: 4.3.6</b></p> <ul style="list-style-type: none"> <li>• Set up ground ladders</li> <li>• Carry ladders</li> <li>• Raise ladders</li> <li>• Extend ladders and lock flies</li> <li>• Determine that a wall and roof will support the ladder</li> <li>• Judge extension ladder height requirements</li> <li>• Place the ladder to avoid obvious hazards</li> </ul>	<p>Skill #12 p. 41</p>

<p><b>Fire Ground Operations: 4.3.7</b></p> <ul style="list-style-type: none"> <li>• Attack a passenger vehicle fire</li> <li>• Identify automobile fuel type</li> <li>• Assess and control fuel leaks</li> <li>• Open, close, and adjust the flow and pattern on nozzles</li> <li>• Apply water for maximum effectiveness while maintaining flash fire protection</li> <li>• Advance 1½ inch or larger diameter attack lines</li> <li>• Expose hidden fires by opening all automobile compartments</li> </ul>	Skill #13 p. 59
<p><b>Fire Ground Operations: 4.3.8</b></p> <ul style="list-style-type: none"> <li>• Extinguish fires in exterior class a materials</li> <li>• Recognize inherent hazards related to the material's configuration</li> <li>• Operate handlines or master streams</li> <li>• Break up material using hand tools and water streams</li> <li>• Evaluate for complete extinguishment</li> <li>• Operate hose lines and other water application devices</li> <li>• Evaluate and modify water application for maximum penetration</li> <li>• Search for and expose hidden fires</li> <li>• Assess patterns for origin determination</li> <li>• Evaluate for complete extinguishment</li> </ul>	Skill #14 p. 61
<p><b>Fire Ground Operations: 4.3.9</b></p> <ul style="list-style-type: none"> <li>• Conduct search and rescue in structure</li> <li>• Use SCBA to exit through restricted passages</li> <li>• Set up and use different types of ladders for various types of rescue operations</li> <li>• Rescue a fire fighter with functioning respiratory protection</li> <li>• Rescue a fire fighter whose respiratory protection is not functioning</li> <li>• Rescue a person who has no respiratory protection</li> <li>• Assess areas to determine tenability</li> </ul>	Skill #12A p. 49 Skill #15A p. 63 Skill #15B p. 65 Skill #15C p. 67

<p><b>Fire Ground Operations: 4.3.10</b></p> <ul style="list-style-type: none"> <li>• Attack an interior structure fire</li> <li>• Prevent water hammers when shutting down nozzles</li> <li>• Open, close, and adjust nozzle flow and patterns</li> <li>• Apply water using direct, indirect, and combination attacks</li> <li>• Advance charged and uncharged 1½ inch diameter or larger hose lines up ladders and up and down interior and exterior stairways</li> <li>• Extend hose lines</li> <li>• Replace burst hose sections</li> <li>• Operate charged hose lines of 1½ inch diameter or larger while secured to a ground ladder</li> <li>• Couple and uncouple various handline connections</li> <li>• Carry hose</li> <li>• Attack fires at grade level and above and below grade levels</li> <li>• Locate and suppress interior wall and subfloor fires</li> </ul>	<p>Skill #12B p. 51 Skill #16A p. 69 Skill #16B p. 73 Skill #16C p. 77</p>
<p><b>Fire Ground Operations: 4.3.11</b></p> <ul style="list-style-type: none"> <li>• Perform horizontal ventilation</li> <li>• Transport and operate ventilation tools and equipment and ladders</li> <li>• Use safe procedures for breaking window and door glass and removing obstructions</li> </ul>	<p>Skill #17 p. 81</p>
<p><b>Fire Ground Operations: 4.3.12</b></p> <ul style="list-style-type: none"> <li>• Perform vertical ventilation</li> <li>• Transport and operate ventilation tools and equipment</li> <li>• Hoist ventilation tools to a roof</li> <li>• Cut roofing and flooring materials to vent flat roofs, pitched roofs, and basements</li> <li>• Sound a roof for integrity</li> <li>• Clear an opening with hand tools</li> <li>• Select, carry, deploy, and secure ground ladders for ventilation activities</li> <li>• Deploy roof ladders on pitched roofs while secured to a ground ladder</li> <li>• Carry ventilation-related tools and equipment while ascending and descending ladders</li> </ul>	<p>Skill #12C p. 53</p>

<p><b>Fire Ground Operations: 4.3.13</b></p> <ul style="list-style-type: none"> <li>• Overhaul fire scene</li> <li>• Deploy and operate an attack line</li> <li>• Remove flooring, ceiling, and wall components to expose void spaces without compromising structural integrity</li> <li>• Apply water for maximum effectiveness</li> <li>• Expose and extinguish hidden fires in walls, ceilings, and subfloor spaces</li> <li>• Recognize and preserve obvious signs of area of origin and arson</li> <li>• Evaluate for complete extinguishment</li> </ul>	<p>Skill #18 p. 85</p>
<p><b>Fire Ground Operations: 4.3.14</b></p> <ul style="list-style-type: none"> <li>• Conserve property</li> <li>• Cluster furniture</li> <li>• Deploy covering materials</li> <li>• Roll and fold salvage covers for reuse</li> <li>• Construct water chutes and catch-alls</li> <li>• Remove water</li> <li>• Cover building openings, including doors, windows, floor openings, and roof openings</li> <li>• Separate, remove, and relocate charred material to a safe location while protecting the area of origin for cause determination</li> <li>• Stop the flow of water from a sprinkler with sprinkler wedges or stoppers</li> <li>• Operate a main control valve on an automatic sprinkler system</li> </ul>	<p>Skill #19A p. 87 Skill #19B p. 95 Skill #19C p. 99</p>
<p><b>Fire Ground Operations: 4.3.15</b></p> <ul style="list-style-type: none"> <li>• Connect pumper to water supply</li> <li>• Hand lay a supply hose</li> <li>• Connect and place hard suction hose for drafting operations</li> <li>• Deploy portable water tanks as well as the equipment necessary to transfer water between and draft from them</li> <li>• Make hydrant-to-pumper hose connections for forward and reverse lays</li> <li>• Connect supply hose to a hydrant</li> <li>• Fully open and close the hydrant</li> </ul>	<p>Skill #20A p. 103 Skill #20B p. 105 Skill #20C p.107</p>
<p><b>Fire Ground Operations: 4.3.16</b></p> <ul style="list-style-type: none"> <li>• Extinguish incipient fires with extinguisher</li> <li>• Operate portable fire extinguishers</li> <li>• Approach fire with portable fire extinguishers</li> <li>• Select an appropriate extinguisher based on the size and type of fire</li> <li>• Safely carry portable fire extinguishers</li> </ul>	<p>Skill #21 p. 109</p>

<p><b>Fire Ground Operations: 4.3.17</b></p> <ul style="list-style-type: none"> <li>• Illuminate emergency scene</li> <li>• Operate department power supply and lighting equipment</li> <li>• Deploy cords and connectors</li> <li>• Reset ground-fault interrupter (gfi) devices</li> <li>• Locate lights for best effect</li> </ul>	Skill #22 p. 111
<p><b>Fire Ground Operations: 4.3.18</b></p> <ul style="list-style-type: none"> <li>• Turn off building utilities</li> <li>• Identify utility control devices</li> <li>• Operate control valves or switches</li> <li>• Assess for related hazards</li> </ul>	Skill #23 p. 113
<p><b>Fire Ground Operations: 4.3.19</b></p> <ul style="list-style-type: none"> <li>• Combat ground cover fire</li> <li>• Determine exposure threats based on fire spread potential</li> <li>• Protect exposures</li> <li>• Construct a fire line or extinguish with hand tools</li> <li>• Maintain integrity of established fire lines</li> <li>• Suppress ground cover fires using water</li> </ul>	Skill #24A p. 115 Skill #24B p. 117 Skill #24C p.119
<p><b>Air Monitoring: 4.3.21</b></p> <ul style="list-style-type: none"> <li>• Knowledge of the various uses for an air monitor</li> <li>• The basic operation of an air monitor</li> <li>• Recognition and emergency actions to be taken upon the activation of the high- or low-level alarms of the air monitor</li> </ul>	Skill #32, p. 145
<p><b>Rescue Operations:</b></p> <ul style="list-style-type: none"> <li>• No Requirements.</li> </ul>	
<p><b>Prevention, Preparedness, and Maintenance: 4.5.1</b></p> <ul style="list-style-type: none"> <li>• Clean and check ladders</li> <li>• Clean and check ventilation equipment</li> <li>• Clean and check SCBA</li> <li>• Clean and check ropes</li> <li>• Clean and check salvage equipment</li> <li>• Clean and check hand tools</li> <li>• Select correct tools for various parts and pieces of equipment</li> <li>• Follow guidelines</li> <li>• Complete recording and reporting procedures</li> </ul>	Skill #25 p. 121 Skill #26 p. 123 Skill #27 p. 125 Skill #28 p. 129 Skill #29 p. 131 Skill #30 p. 133

<p><b>Prevention, Preparedness, and Maintenance: 4.5.2</b></p> <ul style="list-style-type: none"> <li>• Clean, inspect, and return fire hose to service</li> <li>• Clean different types of hose</li> <li>• Operate hose washing and drying equipment</li> <li>• Mark defective hose</li> <li>• Replace coupling gaskets</li> <li>• Roll hose</li> <li>• Reload hose</li> </ul>	<p>Skill #31A p. 135</p> <p>Skill #31B p. 138</p>
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**Cumulative skill sheets in numerical order, IFSTA, *Essentials of Fire Fighting*, 7<sup>th</sup> edition:**

2-I-1, 2-I-2, 3-I-1, 3-I-2 6-I-1, 6-I-2, 6-I-3, 6-I-4, 6-I-5, 6-I-6, 6-I-7, 6-I-10, 6-I-11, 7-I-1, 7-I-2, 7-I-3, 8-I-1, 8-I-13, 8-I-14, 8-I-15, 8-I-16, 8-I-17, 8-I-18, 9-I-1, 9-I-3, 9-I-4, 9-I-5, 9-I-6, 9-I-7, 9-I-8, 9-I-9, 9-I-10, 9-I-11, 9-I-12, 9-I-13, 9-I-14, 11-I-1, 11-I-3, 11-I-4, 11-I-5, 11-I-6, 11-I-13, 11-I-14, 11-I-15, 11-I-16, 11-I-17, 11-I-18, 11-I-19, 11-I-20, 12-I-1, 12-I-2, 12-I-3, 12-I-4, 12-I-5, 12-I-6, 12-I-7, 12-I-8, 12-I-9, 12-I-10, 12-I-11, 12-I-12, 12-I-13, 12-I-14, 12-I-15, 12-I-16, 12-I-17, 12-I-18, 12-I-19, 13-I-1, 13-I-2, 13-I-3, 13-I-4, 13-I-5, 13-I-6, 13-I-7, 13-I-8, 13-I-9, 13-I-10, 14-I-1, 14-I-2, 14-I-3, 14-I-4, 15-I-1, 15-I-2, 15-I-3, 15-I-4, 15-I-5, 15-I-6, 15-I-7, 15-I-8, 15-I-9, 15-I-10, 15-I-11, 15-I-12, 15-I-13, 15-I-14, 15-I-15, 15-I-16, 15-I-17, 15-I-18, 15-I-19, 15-I-20, 15-I-21, 15-I-22, 15-I-23, 15-I-24, 15-I-25, 15-I-26, 15-I-27, 16-I-1, 16-I-3, 17-I-1, 17-I-2, 17-I-3, 17-I-5, 17-I-6, 17-I-8, 17-I-9, 17-I-10, 17-I-11, 17-I-12, 18-I-1, 18-I-2, 18-I-3, 18-I-4, 18-I-5, 18-I-6, 18-I-7, 18-I-8, 18-I-9, 18-I-10, 18-I-12.

**Cumulative skill sheets in numerical order, FPT, *Fire Academy Skills Booklet*, 2019 edition:**

Fire Fighter I Skill Sheets #1 through #31B.

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# **Fire Fighter I**

## **Skill Assessment Guides**

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## Skill Sheet #1: Don and Doff Personal Protective Equipment

### Portland Community College Fire Fighter I Skills Assessment

**JPR:** NFPA 1001-2019, Sections 4.1.2 4.3.1.

**Reference:** IFSTA, Essentials of Fire Fighting®, 7th edition, 2018.

**Candidate Equipment Required:** Personal Protective Clothing and SCBA.

**Evaluator Equipment Required:** Stopwatch and spare air cylinder.

#### **Read To Candidate:**

For this skill event, you will be required to demonstrate donning and doffing personal protective equipment (PPE) and SCBA, including replacement of the (SCBA) air cylinder. In addition, you will also be required to perform **Skill Sheet 7A** (use SCBA) and **Skill Sheet 7B** (SCBA failure) or **Skill Sheet 7C** (SCBA low air warnings).

**DONNING:** The PPE and SCBA must be donned **within a reasonable period of time (2 minutes or less)**. The method and exact sequence of donning PPE is not evaluated. All personal protective clothing and SCBA components **MUST** be correctly donned, including the air cylinder fully turned on, facepiece properly positioned and not leaking, harness straps properly positioned and adjusted, all coat and pants closures properly closed, and helmet in place. When you have completed donning your PPE, clap your hands. Once you have clapped your hands indicating you are done, **DO NOT** touch your PPE until I have checked it.

You will start this event wearing your station uniform or personal clothing and footwear.

Time will start when I say GO (I will check for readiness prior to saying go). Time will be stopped when you clap your hands. Prior to clapping your hands, you must have taken a breath from the SCBA and completed donning your protective ensemble including hood, helmet, and gloves. When completed, your SCBA and protective clothing **must** be appropriate for entry into a hazardous environment. Once you have clapped your hands indicating you are done, **do not** touch your protective ensemble or SCBA until I have checked it. This event is not concluded until all PPE is doffed and ready for reuse.

**AIR CYLINDER REPLACEMENT:** After completing the donning portion of this skill event, you will be required to demonstrate, replacing the SCBA air cylinder.

**DOFFING:** The PPE and SCBA must be doffed, field contamination reduction performed, and prepared for reuse.

To pass this station, you must successfully complete 100% of the critical steps (steps in **BOLD**) in all skill demonstration areas and 50% or more of the non-critical steps (steps in *ITALICS*).

**P-Pass / F-Fail:**

**DONNING:**

1<sup>st</sup> Attempt    2<sup>nd</sup> attempt

- |       |       |   |
|-------|-------|---|
| _____ | _____ | <b>1. Donned boots, turnout pants, and suspenders.</b> ( <u>Check to Ensure:</u> All fasteners are secured)   |
| _____ | _____ | <b>2. Donned protective hood.</b> ( <u>Check to Ensure:</u> Hood is in proper position)   |
| _____ | _____ | <b>3. Donned turnout coat.</b> ( <u>Check to Ensure:</u> All fasteners (including collar) are secured)  |
| _____ | _____ | 4. <i>Cylinder valve fully opened and gauges checked.</i>   |
| _____ | _____ | 5. <b><i>Safety:</i></b> <i>prior to placing SCBA on back checked to ensure adequate safety zone and announced warning that SCBA was being donned.</i>                |
| _____ | _____ | 6. <i>Placed SCBA on back; fastened &amp; tightened all straps.</i> ( <u>Check to Ensure:</u> All fasteners are fastened and straps are tight)                        |
| _____ | _____ | <b>7. Donned and checked facepiece for seal.</b>  |
| _____ | _____ | 8. <i>Pulled hood over facepiece straps.</i> ( <u>Check to Ensure:</u> No skin is exposed around facepiece)   |
| _____ | _____ | <b>9. Placed helmet on head &amp; fastened chinstrap.</b> ( <u>Check to Ensure:</u> Airline must not be caught under chinstrap or a back-pack harness assembly strap) |
| _____ | _____ | <b>10. Breathed air from the SCBA.</b>  |
| _____ | _____ | <b>11. Donned gloves.</b>   |
| _____ | _____ | <b>12. Donned helmet.</b> ( <u>Check to Ensure:</u> Chin strap is secured)<br><i>Clap hands to indicate donning is complete.</i>                                      |
| _____ | _____ | <b>13. Performed buddy check.</b>   |
| _____ | _____ | <b>14. PPE donned within 2 minutes.</b>   |

**DOFFING:**

- |       |       |   |
|-------|-------|---|
| _____ | _____ | <b>15. Performed field reduction of contaminant (if necessary).</b>           |
| _____ | _____ | <b>16. Doffed Personal Protective Clothing and SCBA</b>                       |
| _____ | _____ | 17. <i>Maintained control of SCBA while removed</i>                           |
| _____ | _____ | 18. <i>Closed cylinder valve.</i>   |
| _____ | _____ | 19. <i>Bled air from system.</i>  |
| _____ | _____ | <b>20. Replaced SCBA air cylinder.</b>  |
| _____ | _____ | 21. <i>Checked for damage to personal protective clothing and SCBA</i>        |
| _____ | _____ | 22. <i>Checked for need to cleaned personal protective clothing and SCBA.</i> |
| _____ | _____ | <b>23. Returned personal protective clothing and SCBA to ready state.</b>     |

Candidate's Name: \_\_\_\_\_ Station: P \_\_\_\_\_ F \_\_\_\_\_  
1<sup>st</sup> Attempt P \_\_\_\_\_ F \_\_\_\_\_  
2<sup>nd</sup> attempt

Evaluator's Signature: \_\_\_\_\_ Date: \_\_\_\_\_

## Skill Sheet #2: Hoist Tools and Equipment

### Portland Community College Fire Fighter I Skills Assessment

**JPR:** NFPA 1001-2019, Section 4.1.2 and 4.3.20.

**Reference:** IFSTA, *Essentials of Fire Fighting*®, 7<sup>th</sup> edition, 2018.

**Candidate Equipment Required:** Full Personal Protective Clothing.

**Evaluator Equipment Required:** Utility rope (½ inch diameter); 100 feet of 1½” hose with nozzle and water source to charge the hose; pick-head axe; flat-head axe; pike pole; roof ladder; chainsaw.

#### Read To Candidate:

For this skill event, you will be required prepare tools and equipment to be hoisted to the roof of a building. I will select two tools or other fire service items for you to hoist. You may use any fire service knot you want to hoist the items, as long as your choice is appropriate for the tool or equipment to be hoisted. You **MUST** have a tag line. If two ropes are used for hoisting, i.e., one to hoist and one to serve as a tag line, you **MUST** use a safety knot on both ropes. You do not need a safety knot if you tie the tool or equipment in such a way as to create a tag line with a single rope. You must tie all knots while wearing structural firefighting gloves.

This is not a timed event. However, you should complete this event within a reasonable fireground time. To pass this station, you must successfully complete 100% of the critical steps (steps in **BOLD**). Do you have any questions?

#### P-Pass / F-Fail:

1<sup>st</sup> Attempt    2<sup>nd</sup> attempt

#### Hoist **TWO** of the following:

- |       |       |  |
|-------|-------|--|
| _____ | _____ | 1. <b>Hoist an axe.</b> ( <u>Check to Ensure:</u> Head is down and there is a tag line)  |
| _____ | _____ | 2. <b>Hoist a pike pole.</b> ( <u>Check to Ensure:</u> Pike is up and there is a tag line)   |
| _____ | _____ | 3. <b>Hoist a roof ladder.</b> ( <u>Check to Ensure:</u> Roof hooks are up and there is a tag line)  |
| _____ | _____ | 4. <b>Hoist an uncharged line.</b> ( <u>Check to Ensure:</u> Line is folded over 4'-5' and there is a tag line)  |
| _____ | _____ | 5. <b>Hoist a charged hoseline.</b> ( <u>Check to Ensure:</u> Rope is through nozzle bail so that it cannot open accidentally during hoisting and there is a tag line) |
| _____ | _____ | 6. <b>Hoist a vent saw.</b> ( <u>Check to Ensure:</u> Saw is securely held and there is a tag line)  |

**Candidate's Name:** \_\_\_\_\_ **Station:** P \_\_\_\_\_ F \_\_\_\_\_  
1<sup>st</sup> Attempt

P \_\_\_\_\_ F \_\_\_\_\_  
2<sup>nd</sup> attempt

**Evaluator's Signature:** \_\_\_\_\_

## Skill Sheet #3: Initiate Response to an Emergency

### Portland Community College Fire Fighter I Skills Assessment

**JPR:** NFPA 1001-2019, Section 4.2.1.

**Reference:** IFSTA, *Essentials of Fire Fighting*®, 7<sup>th</sup> edition, 2018.

**Candidate Equipment Required:** Station uniform clothing.

**Evaluator Equipment Required:** Portable radios; notepad; pen or pencil; emergency scenario.

**Read To Candidate:**

For this skill event, you will receive a walk-in report of an emergency from a citizen and you **MUST** relay the information to the communications center so an emergency response can be initiated. You will be required to record the information, appropriately, operate the communications equipment, and relay the information in an appropriate manner. I will serve as the citizen and the telecommunicator for the assessment.

To pass this station, you must successfully complete 100% of the critical steps (steps in **BOLD**). Do you have any questions?

**P-Pass / F-Fail:**

1<sup>st</sup> Attempt    2<sup>nd</sup> attempt

**Walk-in Report of Emergency:**

- |       |       |   |
|-------|-------|---|
| _____ | _____ | 1. <i>Greeted citizen.</i>  |
| _____ | _____ | 2. <b>Recorded type of incident being reported.</b>                 |
| _____ | _____ | 3. <b>Recorded address of incident.</b>                             |
| _____ | _____ | 4. <i>Requested citizen's name and telephone number.</i>            |
| _____ | _____ | 5. <b>Relayed information to communications center promptly.</b>    |
| _____ | _____ | 6. <b>Provided communications center with accurate information.</b> |
| _____ | _____ | 7. <b>Communications equipment was operated correctly.</b>          |

**Candidate's Name:** \_\_\_\_\_ **Station:** P \_\_\_\_\_ F \_\_\_\_\_  
1<sup>st</sup> Attempt 2<sup>nd</sup> attempt

**Evaluator's Signature:** \_\_\_\_\_

## Skill Sheet #4: Receive a Non-Emergency Telephone Call

### Portland Community College Fire Fighter I Skills Assessment

**JPR:** NFPA 1001-2019, Sections 4.2.2.

**Reference:** IFSTA, *Essentials of Fire Fighting*®, 7<sup>th</sup> edition, 2018.

**Candidate Equipment Required:** Station uniform clothing.

**Evaluator Equipment Required:** Telephone, notepad, pen or pencil.

**Read To Candidate:**

For this skill event, you will receive a call from a citizen regarding a fire department business matter or requesting to speak to one of the station’s personnel. You will be required to answer the phone in an appropriate manner and respond to the request or transfer the call to the proper person. I will serve as the citizen and, if a transfer is required, I will serve as the department member.

To pass this station, you must successfully complete 100% of the critical steps (steps in **BOLD**) and half of the non-critical steps (steps in *ITALICS*). Do you have any questions?

**P-Pass / F-Fail:**

1<sup>st</sup> Attempt    2<sup>nd</sup> attempt

- |       |       |   |
|-------|-------|---|
| _____ | _____ | 1. <b>Answered fire department telephone.</b> ( <u>Identified</u> : fire department name and their name)                  |
| _____ | _____ | 2. <i>Requested caller’s name.</i>  |
| _____ | _____ | 3. <b>Responded to request <u>OR</u> transferred the call to the correct person.</b>                                      |
| _____ | _____ | 4. <b>Operated telephone &amp; intercom equipment properly.</b> (Simulate the use of the telephone’s intercom capability) |
| _____ | _____ | 5. <i>Ended call properly.</i>  |

**Candidate’s Name:** \_\_\_\_\_ **Station:** P \_\_\_\_\_ F \_\_\_\_\_  
1<sup>st</sup> Attempt

P \_\_\_\_\_ F \_\_\_\_\_  
2<sup>nd</sup> attempt

**Evaluator’s Signature:** \_\_\_\_\_

## Skill Sheet #5: Transmit and Receive Radio Messages

### Portland Community College Fire Fighter I Skills Assessment

**JPR:** NFPA 1001-2019, Section 4.2.3.

**Reference:** IFSTA, *Essentials of Fire Fighting*®, 7<sup>th</sup> edition, 2018.

**Candidate Equipment Required:** Station uniform clothing.

**Evaluator Equipment Required:** Fire department radios; radio scenario.

**Read To Candidate:**

For this skill event, you will be required to receive and transmit OR transmit and receive a message via fire department radio. You will be required to discriminate between routine and emergency traffic and act appropriately. I will serve as the receiver/transmitter for the skill.

To pass this station, you must successfully complete 100% of the critical steps (steps in **BOLD**) and half of the non-critical steps (steps in *ITALICS*). Do you have any questions?

**P-Pass / F-Fail:**

1<sup>st</sup> Attempt    2<sup>nd</sup> attempt

- |  |  |  |
|--|--|--|
|  |  | <b>1. Received/transmitted OR transmitted/received message via FD radio.</b>   |
|  |  | <i>2. Information was accurate. correctly, spoke clearly, calmly and distinctly.</i>   |
|  |  | <i>3. Message was complete and clear.</i>  |
|  |  | <b>4. Correctly operated equipment (e.g., channel selector, volume knob, squelch, did not transmit when someone else was transmitting, etc.).</b>                                  |
|  |  | <b>5. Discriminated between routine and emergency traffic.</b>   |
|  |  | <i>6. Message was relayed within a reasonable time.</i> [Relayed within 15 to 20 seconds]  |
|  |  | <i>7. Followed IMS Communications Model.</i> [when gaining receivers attention, used “ <i>hey you, it is me</i> ” method; when receiving orders, repeated back summary of message] |

**Candidate’s Name:** \_\_\_\_\_ **Station:** P \_\_\_\_\_ F \_\_\_\_\_  
1<sup>st</sup> Attempt

P \_\_\_\_\_ F \_\_\_\_\_  
2<sup>nd</sup> attempt

**Evaluator’s Signature:** \_\_\_\_\_



# Skill Sheet #6A: Activate an Emergency Call for Assistance – Using Radio

## Portland Community College Fire Fighter I Skills Assessment

**JPR:** NFPA 1001-2019, Section 4.2.4.

**Reference:** IFSTA, *Essentials of Fire Fighting*®, 7<sup>th</sup> edition, 2018.

**Candidate Equipment Required:** Full personal protective clothing and SCBA.

**Evaluator Equipment Required:** MAYDAY scenario, fire department radio, flashlight, vision obscured condition, and forcible entry tools.

**Read To Candidate:**

For this skill event, you will be required to activate an emergency call for assistance (mayday), given vision-obscured conditions, and PPE, so that you can be located and rescued. I will read you a scenario describing a situation in which you require emergency assistance and then I will position in vision obscured conditions. Once you are positioned, you are to initiate an emergency call for assistance using a fire department radio to call MAYDAY. I will serve as the incident commander for the skill.

To pass this station, you must successfully complete 100% of the critical steps (steps in **BOLD**) and half of the non-critical steps (steps in *ITALICS*). Do you have any questions?

**P-Pass / F-Fail:**

1<sup>st</sup> Attempt    2<sup>nd</sup> attempt

- |       |       |  |
|-------|-------|--|
| _____ | _____ | 1. <i>Recognized the need to call for emergency assistance.</i>  |
| _____ | _____ | 2. <b>Transmitted MAYDAY message via FD radio using LUNARS (or followed department SOP).</b>   |
| _____ | _____ | 3. <i>Mayday message was complete and clear.</i>   |
| _____ | _____ | 4. <b>Correctly operated communication equipment, e.g., keyed microphone before talking, kept microphone keyed throughout transmission, etc.</b>   |
| _____ | _____ | 5. <i>Activated PASS device.</i>   |
| _____ | _____ | 6. <i>Attempted self-rescue.</i>   |
| _____ | _____ | 7. <i>If unable to perform self-rescue, moved to wall and positioned self in optimum position to be located, and, if a flashlight is available, activated the flashlight and pointed it towards ceiling.</i> |
| _____ | _____ | 8. <i>Monitored radio and responded as requested.</i>  |

**Candidate's Name:** \_\_\_\_\_ **Station:** P \_\_\_\_\_ F \_\_\_\_\_  
1<sup>st</sup> Attempt 2<sup>nd</sup> attempt

**Evaluator's Signature:** \_\_\_\_\_

## Skill Sheet #6B: Activate an Emergency Call for Assistance – No Radio

### Portland Community College Fire Fighter I Skills Assessment

**JPR:** NFPA 1001-2019, Section 4.2.4.

**Reference:** IFSTA, *Essentials of Fire Fighting*®, 7<sup>th</sup> edition, 2018.

**Candidate Equipment Required:** Full personal protective clothing and SCBA.

**Evaluator Equipment Required:** MAYDAY scenario, flashlight, vision obscured condition, and forcible entry tools.

#### Read To Candidate:

For this skill event, you will be required to activate an emergency call for assistance (mayday), given vision-obscured conditions, and PPE, so that you can be located and rescued. I will read you a scenario describing a situation in which you require emergency assistance and then I will position in vision obscured conditions. Once you are positioned, you are to initiate an emergency call for assistance using a method for activating an emergency call for assistance other than a fire department radio. I will serve as the incident commander for the skill.

To pass this station, you must successfully complete 100% of the critical steps (steps in **BOLD**) and half of the non-critical steps (steps in *ITALICS*). Do you have any questions?

#### P-Pass / F-Fail:

1<sup>st</sup> Attempt    2<sup>nd</sup> attempt

- |       |       |  |
|-------|-------|--|
| _____ | _____ | 1. <i>Recognized the need to call for emergency assistance.</i>  |
| _____ | _____ | 2. <i>Recognized need to utilize some other method than fire department radio to call for emergency assistance.</i>  |
| _____ | _____ | 3. <b>Correctly utilized some method other than a fire department radio to call for emergency assistance, e.g., activated PASS device, banged tool against floor/wall and called out loudly.</b>             |
| _____ | _____ | 4. <i>Attempted self-rescue.</i>   |
| _____ | _____ | 5. <i>If unable to perform self-rescue, moved to wall and positioned self in optimum position to be located, and, if a flashlight is available, activated the flashlight and pointed it towards ceiling.</i> |
| _____ | _____ | 6. <i>Periodically stopped PASS and making noise to listen for RIT/other personnel in vicinity.</i>  |

**Candidate's Name:** \_\_\_\_\_ **Station:** P \_\_\_\_\_ F \_\_\_\_\_  
1<sup>st</sup> Attempt

P \_\_\_\_\_ F \_\_\_\_\_  
2<sup>nd</sup> attempt

**Evaluator's Signature:** \_\_\_\_\_

## Skill Sheet #7A: Use SCBA

### Portland Community College Fire Fighter I Skills Assessment

**JPR:** NFPA 1001-2019, Section 4.3.1.

**Reference:** IFSTA, *Essentials of Fire Fighting*®, 7<sup>th</sup> edition, 2018.

**Candidate Equipment Required:** Full Personal Protective Clothing and SCBA.

**Evaluator Equipment Required:** Diminishing clearance prop/arrangement.

**Read To Candidate:**

For this skill event, you will be required to demonstrate use of self-contained breathing apparatus (SCBA).

**USE:** After donning the SCBA, you will be directed to enter a restricted passage where you will maneuver through while using the SCBA. Prior to entering the area, you must ensure all protective equipment and SCBA are properly donned and operational, including adequate air supply (4,000 plus psi). You will enter the area as part of a team. While in the restricted passage, you must control your breathing. If you actually deplete your air supply prior to exiting the restricted passage, you will fail this skill event.

To pass this station, you must successfully complete 100% of the critical steps (steps in **BOLD**) in all skill demonstration areas.

**P-Pass / F-Fail:**

1<sup>st</sup> Attempt    2<sup>nd</sup> attempt

**Use SCBA (after donning):**

- |       |       |   |
|-------|-------|---|
| _____ | _____ | 1. Prepared to enter area requiring SCBA use, including checking air supply and regulator properly connected. ( <u>Check to Ensure:</u> Adequate air supply and regulator properly connected) |
| _____ | _____ | 2. <b>Controlled breathing by taking normal breaths, while using SCBA in restricted passage.</b>  |
| _____ | _____ | 3. <b>Exited restricted passage prior to depleting air supply.</b>  |
| _____ | _____ | 4. <b>Respiratory protection is not intentionally compromised while exiting restricted passage.</b>   |

**Candidate's Name:** \_\_\_\_\_ **Station:** P \_\_\_\_\_ F \_\_\_\_\_  
1<sup>st</sup> Attempt

P \_\_\_\_\_ F \_\_\_\_\_  
2<sup>nd</sup> attempt

**Evaluator's Signature:** \_\_\_\_\_





## Skill Sheet #8: Respond on Apparatus

### Portland Community College Fire Fighter I Skills Assessment

**JPR:** NFPA 1001-2019, Section 4.3.2.

**Reference:** IFSTA, *Essentials of Fire Fighting*®, 7<sup>th</sup> edition, 2018.

**Required Candidate Equipment:** Full Personal Protective Clothing

**Required Instructor Equipment:** Fire Apparatus.

#### Read To Candidate:

For this skill event, you will be required to simulate an emergency response as a member of the apparatus' crew. You are required to safely mount the apparatus, assume a seated position in the cab, and prepare to depart. When you are completely prepared to depart on the simulated emergency run, tell me so that I may check you. Once I have completed checking you, I will direct you to dismount the apparatus as part of the skill assessment. You will dismount as if you had arrived on-scene.

This is not a timed event, however, you should complete this event within a time considered reasonable for fireground operations. To pass this station, you must successfully complete 100% of the critical steps (steps in **BOLD**).

#### P-Pass / F-Fail:

1<sup>st</sup> Attempt    2<sup>nd</sup> attempt

- |       |       |  |
|-------|-------|--|
| _____ | _____ | <b>1. Safely mounted the apparatus, using available hand-holds and steps.</b>    |
| _____ | _____ | <b>2. Assumed seated position and fastened seatbelt.</b>                         |
| _____ | _____ | <b>3. Other personal protective equipment is correctly used.</b> (as provided)   |
| _____ | _____ | 4. <i>Checked for on-coming traffic before dismounting.</i>                      |
| _____ | _____ | <b>5. Safely dismounted the apparatus, using available hand-holds and steps.</b> |

**Candidate's Name:** \_\_\_\_\_ **Station:** P \_\_\_\_\_ F \_\_\_\_\_  
1<sup>st</sup> Attempt

P \_\_\_\_\_ F \_\_\_\_\_  
2<sup>nd</sup> attempt

**Evaluator's Signature:** \_\_\_\_\_

## Skill Sheet #9: Establish & Operate in Work Areas at Emergency Scenes

### Portland Community College Fire Fighter I Skills Assessment

**JPR:** NFPA 1001-2019, Section 4.3.3.

**Reference:** IFSTA, *Essentials of Fire Fighting*®, 7<sup>th</sup> edition, 2018.

**Required Candidate Equipment:** Full Personal Protective Clothing

**Required Instructor Equipment:** Apparatus, Traffic Cones, Road Flares, & Reflective Traffic Vest

#### Read To Candidate:

For this skill event, you will be required to respond on this apparatus as a member of its crew to the simulated scene of a motor vehicle accident. Upon arrival, you will dismount the apparatus and set out traffic control devices to establish a safe work area in which to conduct vehicle extrication operations, and then prepare to participate in those operations. I will act in the role of your company officer.

This is not a timed event. However, you should complete this event within a reasonable fireground time. To pass this station, you must successfully complete 100% of the critical steps (steps in **BOLD**) and a half of the non-critical steps (steps in *ITALICS*).

#### P-Pass / F-Fail:

1<sup>st</sup> Attempt    2<sup>nd</sup> attempt

- |       |       |   |
|-------|-------|---|
| _____ | _____ | 1. <i>Confirmed order to operate in work area.</i>  |
| _____ | _____ | 2. <b>Used personal protective clothing.</b> ( <u>Check to Ensure:</u> All personal protective clothing is worn properly) |
| _____ | _____ | 3. <b>Donned Reflective Traffic Vest.</b>   |
| _____ | _____ | 4. <b>Checked for on-coming traffic and then safely dismounted the apparatus.</b>   |
| _____ | _____ | 5. <b>Deployed traffic/scene control devices appropriately.</b>   |
| _____ | _____ | 6. <b>Operated within the defined work area as ordered.</b>   |
| _____ | _____ | 7. <i>Reported completion of assignment to company officer.</i>   |

**Candidate's Name:** \_\_\_\_\_ **Station:** P \_\_\_\_\_ F \_\_\_\_\_  
1<sup>st</sup> Attempt

P \_\_\_\_\_ F \_\_\_\_\_  
2<sup>nd</sup> attempt

**Evaluator's Signature:** \_\_\_\_\_

## Skill Sheet #10A: Force Entry into Structure – Door

### Portland Community College Fire Fighter I Skills Assessment

**JPR:** NFPA 1001-2019, Section 4.3.4.

**Reference:** IFSTA, *Essentials of Fire Fighting*®, 7<sup>th</sup> edition, 2018.

**Candidate Equipment Required:** Full Personal Protective Clothing (Including Safety Glasses or Goggles.)

**Evaluator Equipment Required:** Door Prop, Rotary Saw, Chain Saw, Axe, Pike Pole, Halligan Bar, Through-the-Lock Tools, Bolt Cutters.

#### Read To Candidate:

For this skill event, you will be required force entry into a building, through a door. There **are two parts** to this *Skill Event*. I will give you your specific assignment. This skill event assessment will begin after I give you your assignment. For **PART I**, you must select appropriate tools for the assignment **and** transport them safely to the door to be forced. For **PART II**, you must observe all safety precautions for forcing entry through a door and demonstrate proper use of the tools when forcing entry through the door. When you indicate you have finished, the opening must be ready for entry. Do not skip steps or assume anything; **verbalize** as you perform this skill assessment.

*IF REQUIRED TO SIMULATE FORCIBLE ENTRY, READ THE FOLLOWING: To prevent actual property damage to the building, you will simulate the skill. Make certain to state **verbally out loud** each step as you simulate the actions including applicable safety precautions, indicated proper use of tools and when the opening is in safe condition and ready for entry.*

This is not a timed event; however, you should complete this station within a reasonable fireground time. To pass this station, you must successfully complete 100% of the critical steps (steps in **BOLD**) and a majority of the non-critical steps (steps in *ITALICS*) in both **Part I** and **Part II**.

#### P-Pass / F-Fail:

1<sup>st</sup> Attempt 2<sup>nd</sup> attempt

#### Skill Demonstration: Part I

##### Select and Transport Tools

- |       |       |   |
|-------|-------|---|
| _____ | _____ | 1. <i>Confirmed order to force entry through door.</i>                          |
| _____ | _____ | 2. <i>Properly wore personal protective ensemble, including eye protection.</i> |
| _____ | _____ | 3. <b>Selected appropriate tool(s) to force door.</b>                           |
| _____ | _____ | 4. <b>Properly transported tool(s) to door to be forced.</b>                    |

#### Skill Demonstration: Part II

##### Force Entry: Door

- |       |       |   |
|-------|-------|---|
| _____ | _____ | 5. <b>Checked if door was unlocked.</b>               |
| _____ | _____ | 6. <b>Correctly used tool(s) to force door.</b>       |
| _____ | _____ | 7. <i>Secured door in open position.</i>              |
| _____ | _____ | 8. <b>Observed all applicable safety precautions.</b> |

Candidate's Name: \_\_\_\_\_ Station: P \_\_\_\_\_ F \_\_\_\_\_  
1<sup>st</sup> Attempt 2<sup>nd</sup> attempt

Evaluator's Signature: \_\_\_\_\_



## Skill Sheet #10B: Force Entry into Structure – *Window*

### Portland Community College Fire Fighter I Skills Assessment

**JPR:** NFPA 1001-2019, Section 4.3.4.

**Reference:** IFSTA, *Essentials of Fire Fighting*®, 7<sup>th</sup> edition, 2018.

**Candidate Equipment Required:** Full Personal Protective Clothing (Including Safety Glasses or Goggles.)

**Evaluator Equipment Required:** Window Prop, Rotary Saw, Chain Saw, Axe, Pike Pole, Halligan Bar, Pike Pole.

#### Read To Candidate:

For this skill event, you will be required force entry into a building, through a window. There **are two parts** to this *Skill Event*. I will give you your specific assignment. This skill event assessment will begin after I give you your assignment. For **PART I**, you must select appropriate tools for the assignment **and** transport them safely to the window to be forced. For **PART II**, you must observe all safety precautions for forcing entry through a window and demonstrate proper use of the tools when forcing entry through the window. When you indicate you have finished, the opening must be ready for entry. Do not skip steps or assume anything; **verbalize** as you perform this skill assessment.

*IF REQUIRED TO SIMULATE FORCIBLE ENTRY, READ THE FOLLOWING: To prevent actual property damage to the building, you will simulate the skill. Make certain to state **verbally out loud** each step as you simulate the actions including applicable safety precautions, indicated proper use of tools and when the opening is in safe condition and ready for entry.*

This is not a timed event; however, you should complete this station within a reasonable fireground time. To pass this station, you must successfully complete 100% of the critical steps (steps in **BOLD**) and a majority of the non-critical steps (steps in *ITALICS*) in both **Part I** and **Part II**.

#### P-Pass / F-Fail:

1<sup>st</sup> Attempt    2<sup>nd</sup> attempt

#### Skill Demonstration: Part I

##### Select and Transport Tools

- |       |       |   |
|-------|-------|---|
| _____ | _____ | 1. <i>Confirmed order to force entry through window.</i>                        |
| _____ | _____ | 2. <i>Properly wore personal protective ensemble, including eye protection.</i> |
| _____ | _____ | 3. <b>Selected appropriate tool(s) to force window.</b>                         |
| _____ | _____ | 4. <b>Properly transported tool(s) to door to be forced.</b>                    |

#### Skill Demonstration: Part II

##### Force Entry: Window

- |       |       |  |
|-------|-------|--|
| _____ | _____ | 5. <b>Checked if window was unlocked.</b>                              |
| _____ | _____ | 6. <b>Correctly used tool(s) to force window lock or remove glass.</b> |
| _____ | _____ | 7. <i>If opened, secured window pane in open position.</i>             |
| _____ | _____ | 8. <b>Observed all applicable safety precautions.</b>                  |

Candidate's Name: \_\_\_\_\_ Station: P \_\_\_\_\_ F \_\_\_\_\_  
1<sup>st</sup> Attempt

P \_\_\_\_\_ F \_\_\_\_\_  
2<sup>nd</sup> attempt

Evaluator's Signature: \_\_\_\_\_



## Skill Sheet #11: Exit a Hazardous Area

### Portland Community College Fire Fighter I Skills Assessment

**JPR:** NFPA 1001-2019, Section 4.3.5.

**Reference:** IFSTA, *Essentials of Fire Fighting*®, 7<sup>th</sup> edition, 2018.

**Candidate Equipment Required:** Full Personal Protective Clothing and SCBA.

**Evaluator Equipment Required:** Vision obscured conditions, charged hoseline, and portable radio.

#### Read To Candidate:

For this skill event, you will be required to operate in hazardous area where vision-obscured conditions exist. Prior to entering the vision-obscured conditions, you must verbalize your evaluation of the hazards and identify any potential safe havens. After you enter the vision-obscured conditions, you must locate and follow a guideline (rope or hoseline). If a hoseline is located, the team must determine the direction to the exit. You must conserve your air supply. If you deplete your air supply prior to exiting the hazardous area, you will fail this skill event. If you become separated both physically and verbally from your partner (your fault/your partners fault) in the hazardous area, you will fail this event. If the team becomes lost in the vision-obscured conditions, you will fail this skill event. I will assume you are lost if you are following the hoseline in the wrong direction, e.g., you follow it to the nozzle rather than to the engine.

This event is not timed, but it must be completed on a single tank of air. To pass this station, you must successfully complete 100% of the critical steps (steps in **BOLD**) and at least half of the non-critical steps (steps in *ITALICS*).

#### P-Pass / F-Fail:

1<sup>st</sup> Attempt    2<sup>nd</sup> attempt

- |       |       |   |
|-------|-------|---|
| _____ | _____ | 1. <i>Confirmed order to operate in hazardous area where vision-obscured conditions exist.</i>                |
| _____ | _____ | 2. <b>Evaluated area for hazards and identified a safe haven.</b>   |
| _____ | _____ | 3. <b>Entered and operated as part of a team in the vision-obscured area.</b>                                 |
| _____ | _____ | 4. <b>Team integrity was maintained throughout the operation.</b>   |
| _____ | _____ | 5. <b>Team located and followed a hoseline to the exit.</b> (Team <u>DID NOT</u> get lost)                    |
| _____ | _____ | 6. <b>Conserved air supply.</b> (Candidate <u>DID NOT</u> deplete air supply prior to exiting hazardous area) |
| _____ | _____ | 7. <i>Notified Command upon exiting the hazardous area.</i>   |

**Candidate's Name:** \_\_\_\_\_ **Station:** P \_\_\_\_\_ F \_\_\_\_\_

P \_\_\_\_\_ F \_\_\_\_\_  
1<sup>st</sup> Attempt                      2<sup>nd</sup> attempt

**Evaluator's Signature:** \_\_\_\_\_

## Skill Sheet #12: Set Up Ground Ladders

### Portland Community College Fire Fighter I Skills Assessment

**JPR:** NFPA 1001-2019, Section 4.3.6.

**Reference:** IFSTA, *Essentials of Fire Fighting*®, 7<sup>th</sup> edition, 2018.

**Candidate Equipment Required:** Full Personal Protective Clothing

**Evaluator Equipment Required:** Roof ladder; 24' extension ladder; 35' extension ladder.

#### Read To Candidate:

For this skill event, you will operate individually OR as a member of a team, demonstrating the ability to carry; place, and raise ladder(s); judge correct angle for climbing; and judge extension ladder height requirements. You will be required to assess overhead hazards, strength of structural support components, and any other existing hazards. You must verbalize conscious decisions, such as assessment of hazards, you are making so I know your actions are not coincidental. You will also be required to perform **Skill Sheet 12A**, **Skill Sheet 12B**, or **Skill Sheet 12C** as part of **Skill Sheet 12** assessment. The skill event assessment will begin after I give you the assignment.

You will carry the ladder from the start point to a location appropriate to perform the operation required by **Skill Sheet 12A**, **Skill Sheet 12B**, or **Skill Sheet 12C**. You are required to observe all safety precautions when moving the ladder. You must use a fire service accepted ladder carry technique. You must use a fire service accepted method of raising the ladder to a position appropriate for the given assignment. You must use proper climbing technique and be properly secured to the ladder when required. You **MUST** advise me when the ladder is in position. After I assess placement, I will direct you to perform the operation for which the ladder was placed. After you perform the operation, return the ladder to its original start point. This skill event will be concluded when the ladder has been returned to its original start point.

For this skill, you will only be assessed on carrying, raising, placement, and returning the ladder to the start location. The ladder operation I assign you to perform will be assessed separately. This is not a timed event; however, you should complete this event within a reasonable fireground time. To pass this station, you must successfully complete 100% of the critical steps (steps in **BOLD**) and half of the non-critical steps (steps in *ITALICS*).

**P-Pass / F-Fail:**

1<sup>st</sup> Attempt    2<sup>nd</sup> attempt

**Carry, Raise, and Placement**

- |       |       |  |
|-------|-------|--|
| _____ | _____ | 1. <i>Confirmed order to ladder structure.</i>   |
| _____ | _____ | 2. <b>Determine height and select appropriate length ladder for assignment.</b>  |
| _____ | _____ | 3. <b>Carried the ladder correctly.</b>  |
| _____ | _____ | 4. <b>Checked for hazards &amp; overhead wires.</b>  |
| _____ | _____ | 5. <b>Confirmed that wall/roof will support the ladder.</b>  |
| _____ | _____ | 6. <b>Raised ladder to vertical position safely.</b>   |
| _____ | _____ | 7. (Extension ladder only) <b>Extended ladder to proper height for assigned scenario.</b>  |
| _____ | _____ | 8. (Extension ladder only) <b>Confirmed all ladder fly locks were locked &amp; tied off halyard.</b>                                       |
| _____ | _____ | 9. (Roof ladder only) <b>Roof hook deployed properly.</b>  |
| _____ | _____ | 10. (Roof ladder only) <b>Roof ladder placed properly for roof operation.</b>  |
| _____ | _____ | 11. <b>Ladder set up safely to avoid obvious hazards; stable; correct climbing angle; tip location appropriate for assigned operation.</b> |
| _____ | _____ | 12. (If team is required) <b>Operated effectively as part of the team.</b>   |

Candidate's Name: \_\_\_\_\_ Station: P \_\_\_\_\_ F \_\_\_\_\_  
1<sup>st</sup> Attempt

P \_\_\_\_\_ F \_\_\_\_\_  
2<sup>nd</sup> attempt

Evaluator's Signature: \_\_\_\_\_

## Skill Sheet 12A: Set Up Ground Ladders – *Rescue Operations*

### Portland Community College Fire Fighter I Skills Assessment

**JPR:** NFPA 1001-2019, Section 4.3.9.

**Reference:** IFSTA, *Essentials of Fire Fighting*®, 7<sup>th</sup> edition, 2018.

**Candidate Equipment Required:** Full Personal Protective Clothing and SCBA

**Evaluator Equipment Required:** 24' extension ladders, Rescue Manikin, and Safety Rope & Harness.

#### Read To Candidate:

For this skill assessment, you will operate as a member of a team, demonstrating the ability to rescue a victim using a ladder. You will be required to get the victim on the ladder and bring the victim to the ground in a safe manner. This skill assessment will begin after you have placed the ladder and I have assessed the ladder placement. The skill assessment will end after the victim has been rescued and all rescuers have returned to the ground.

You will not be assessed on set-up of the ground ladder in this skill assessment. This is not a timed event; however, you should complete this event within a reasonable fireground time. To pass this station, you must successfully complete 100% of the critical steps (steps in **BOLD**) and half of the non-critical steps (steps in *ITALICS*).

#### P-Pass / F-Fail:

1<sup>st</sup> Attempt    2<sup>nd</sup> attempt

#### Rescue Operation:

- |       |       |  |
|-------|-------|--|
| _____ | _____ | 1. <i>Confirmed order to perform rescue operation.</i>                 |
| _____ | _____ | 2. <b>Properly carried and positioned ladder for rescue operation.</b> |
| _____ | _____ | 3. <b>Ensured ladder properly heeled/butted before climbing.</b>       |
| _____ | _____ | 4. <i>Properly climbed ladder.</i>                                     |
| _____ | _____ | 5. <b>Properly secured self to ladder.</b>                             |
| _____ | _____ | 6. <b>Properly performed ladder rescue.</b>                            |
| _____ | _____ | 7. <i>Notified Command upon completing assignment.</i>                 |

Candidate's Name: \_\_\_\_\_ Station: P \_\_\_\_\_ F \_\_\_\_\_  
1<sup>st</sup> Attempt

P \_\_\_\_\_ F \_\_\_\_\_  
2<sup>nd</sup> attempt

Evaluator's Signature: \_\_\_\_\_

## Skill Sheet #12B: Set Up Ground Ladders – *Fire Stream Operations*

### Portland Community College Fire Fighter I Skills Assessment

**JPR:** NFPA 1001-2019, Section 4.3.10.

**Reference:** IFSTA, *Essentials of Fire Fighting*®, 7<sup>th</sup> edition, 2018.

**Candidate Equipment Required:** Full Personal Protective Clothing and SCBA.

**Required Instructor Equipment:** 24' Extension Ladder; 1¾ inch Charged Hose Line; and Hose Strap or Webbing.

**Read To Candidate:**

For this skill assessment, you will operate as a member of a team, demonstrating the ability to operate a charged hoseline from a ladder. You will be required to advance the charged hoseline up the ladder to the operating position and while secured to the ladder operate the stream in a safe manner. This skill assessment will begin after you have placed the ladder and I have assessed the ladder placement. The skill assessment will end when I advise you to cease water application and return to the ground.

You will not be assessed on set-up of the ground ladder in this skill assessment. This is not a timed event; however, you should complete this event within a reasonable fireground time. To pass this station, you must successfully complete 100% of the critical steps (steps in **BOLD**) and a majority of the non-critical steps (steps in *ITALICS*).

**P-Pass / F-Fail:**

1<sup>st</sup> Attempt    2<sup>nd</sup> attempt

**Fire Stream Operation:**

- |       |       |   |
|-------|-------|---|
| _____ | _____ | 1. <i>Confirmed order to perform fire stream operation using ladder.</i>    |
| _____ | _____ | 2. <b>Properly carried and positioned ladder for fire stream operation.</b> |
| _____ | _____ | 3. <b>Ensured ladder properly heeled/butted before climbing.</b>            |
| _____ | _____ | 4. <i>Properly climbed ladder.</i>  |
| _____ | _____ | 5. <b>Properly secured self to ladder.</b>                                  |
| _____ | _____ | 6. <i>Properly secured hose to ladder for fire stream operation.</i>        |
| _____ | _____ | 7. <b>Operated nozzle from ladder.</b>                                      |
| _____ | _____ | 8. <i>Notified Command upon completing assignment.</i>                      |

**Candidate's Name:** \_\_\_\_\_ **Station:** P \_\_\_\_\_ F \_\_\_\_\_  
1<sup>st</sup> Attempt

P \_\_\_\_\_ F \_\_\_\_\_  
2<sup>nd</sup> attempt

**Evaluator's Signature:** \_\_\_\_\_

## Skill Sheet #12C: Set Up Ground Ladders – *Vertical Ventilation*

### Portland Community College Fire Fighter I Skills Assessment

**JPR:** NFPA 1001-2019, Section 4.3.12.

**Reference:** IFSTA, *Essentials of Fire Fighting*®, 7<sup>th</sup> edition, 2018.

**Candidate Equipment Required:** Full Personal Protective Clothing, SCBA, PASS Alarm.

**Evaluator Equipment Required:** Roof Prop, Ground Ladder, Roof Ladder, Ventilation Saw, Axe, and Pike Pole/trash hook.

#### **Read To Candidate:**

For this skill assessment, you will be required demonstrating the ability to perform vertical ventilation (*pitched roof or flat roof*). You will operate as a member of a team. You will select the proper tools to perform the assigned vertical ventilation. You will then safely carry the ventilation equipment to the ground ladder and move the equipment to the location where the vertical ventilation will be performed. You **MUST** carry (you cannot hoist) your ventilation tools when ascending the ladder to access the location on the roof where ventilation will be performed. You must determine the integrity of the roof and operate in a safe manner given the conditions. You will cut an adequately sized ventilation opening and remove all ventilation barriers. The ventilation cut should not compromise the structural integrity of the roof or floor. When you have completed the ventilation operation, return to the ground and replace your tools.

If the ventilation opening is to be simulated, you **MUST** verbalize all your actions. Once you have completed the vertical ventilation, you will exit the area as a team, taking all tools and equipment with you.

This skill assessment does not include set-up of ground/roof ladders. You will only be assessed on vertical ventilation and the actions necessary to perform it. This is not a timed event; however, you should complete this event within a reasonable fireground time. To pass this station, you must successfully complete 100% of the critical steps (steps in **BOLD**) and a majority of the non-critical steps (steps in *ITALICS*).



**P-Pass / F-Fail:**

1<sup>st</sup> Attempt    2<sup>nd</sup> attempt

- |       |       |   |
|-------|-------|---|
| _____ | _____ | 1. <i>Confirmed order to perform vertical ventilation.</i>  |
| _____ | _____ | 2. <b>Properly carried and positioned ladder for ventilation operation.</b>                                     |
| _____ | _____ | 3. <b>Carried ventilation tools to ladder properly.</b>   |
| _____ | _____ | 4. <i>Ensured ladder properly heeled/butted before climbing</i>   |
| _____ | _____ | 5. <i>Properly climbed ladder.</i>  |
| _____ | _____ | 6. (pitched roof only) <b>Properly deployed roof ladder while secured to ground ladder.</b>                     |
| _____ | _____ | 7. <b>Sounded roof for integrity prior to stepping on roof <u>AND</u> while advancing to ventilation point.</b> |
| _____ | _____ | 8. <b>Carried ventilation tools properly while ascending ladder.</b>  |
| _____ | _____ | 9. <i>Sounded roof for structural components in target area for ventilation opening.</i>                        |
| _____ | _____ | 10. <b>Cut ventilation opening using power and/or hand tools.</b>   |
| _____ | _____ | 11. <b>Cleared ventilation opening with hand tools.</b>   |
| _____ | _____ | 12. <b>Operated ventilation tools and equipment properly.</b>   |
| _____ | _____ | 13. <b>Structural integrity was not compromised by cut.</b>   |
| _____ | _____ | 14. <i>Immediately retreated from area after performing ventilation.</i>  |
| _____ | _____ | 15. <b>Ventilation tools carried safely while descending ladder.</b>  |
| _____ | _____ | 16. <b>Operated as a member of a team.</b>  |
| _____ | _____ | 17. <b>Team retreated from the area when ventilation was accomplished.</b>                                      |
| _____ | _____ | 18. <i>Notified Command upon completing assigned vertical ventilation.</i>                                      |

Candidate's Name: \_\_\_\_\_ Station: P \_\_\_\_\_ F \_\_\_\_\_  
1<sup>st</sup> Attempt

P \_\_\_\_\_ F \_\_\_\_\_  
2<sup>nd</sup> attempt

Evaluator's Signature: \_\_\_\_\_

## Skill Sheet #13: Attack a Passenger Vehicle Fire

### Portland Community College Fire Fighter I Skills Assessment

**JPR:** NFPA 1001-2019, Section 4.3.7.

**Reference:** IFSTA, *Essentials of Fire Fighting*®, 7<sup>th</sup> edition, 2018.

**Candidate Equipment Required:** Full Personal Protective Clothing, SCBA, PASS Alarm.

**Evaluator Equipment Required:** Car Fire Prop; Pumper; Water Source; Halligan Bar; Flat Head Axe; Hose & Nozzle (Primary & Back-up.)

#### Read To Candidate:

For this skill event, you will be required to extinguish or control a passenger vehicle fire as a member of a team. You will use appropriate protective equipment, firefighting tools, and extinguishing agents. You will be required to assess all hazards; utilize safety precautions; identify and control all fuel leaks; expose hidden fires; provide protection for team members from flash fire while advancing an attack line; applying water with maximum effectiveness; and extinguishing the fire.

To pass this station, you must successfully complete 100% of the critical steps (steps in **BOLD**) and a majority of the non-critical steps (steps in *ITALICS*).

#### P-Pass / F-Fail:

1<sup>st</sup> Attempt    2<sup>nd</sup> attempt

- |       |       |   |
|-------|-------|---|
| _____ | _____ | 1. <i>Confirmed order to extinguish car fire.</i>   |
| _____ | _____ | 2. <i>Properly donned personal protective clothing and SCBA.</i>                              |
| _____ | _____ | 3. <b>Identified automobile fuel type.</b> (Verbalized)                                       |
| _____ | _____ | 4. <b>Assessed for and controlled fuel leaks.</b> (Verbalized)                                |
| _____ | _____ | 5. <b>Operated nozzle correctly (open, close, flow, &amp; pattern).</b>                       |
| _____ | _____ | 6. <b>Applied water for maximum effect while maintaining flash fire protection.</b>           |
| _____ | _____ | 7. <b>Advanced attack line properly.</b>  |
| _____ | _____ | 8. <b>Searched for, exposed, &amp; extinguished hidden fires by opening all compartments.</b> |
| _____ | _____ | 9. <b>Avoided hazards during attack and extinguishment.</b>                                   |
| _____ | _____ | 10. <i>Withdrew attack line properly.</i>   |
| _____ | _____ | 11. <b>Operated effectively as a member of a team.</b>  |
| _____ | _____ | 12. <i>Notified Command upon completing assignment.</i>                                       |

**Candidate's Name:** \_\_\_\_\_ **Station:** P \_\_\_\_\_ F \_\_\_\_\_  
1<sup>st</sup> Attempt

P \_\_\_\_\_ F \_\_\_\_\_  
2<sup>nd</sup> attempt

**Evaluator's Signature:** \_\_\_\_\_





## Skill Sheet #15B: Search & Rescue – FF with Nonfunctioning SCBA

### Portland Community College Fire Fighter I Skills Assessment

**JPR:** NFPA 1001-2019, Section 4.3.9.

**Reference:** IFSTA, *Essentials of Fire Fighting*®, 7<sup>th</sup> edition, 2018.

**Candidate Equipment Required:** Full Personal Protective Clothing, SCBA, PASS Alarm

**Evaluator Equipment Required:** Firefighter with nonfunctioning SCBA; Search Line or Hose; Vision Obscured Area; RIT Pack.

**Read To Candidate:**

For this skill event, you will be required to demonstrate skills for conducting a search and rescue, within a structure, in a vision obscured environment. In this scenario, the victim is a firefighter. You will need to determine if the victims SCBA is functioning or not functioning and take action to rescue the victim accordingly.

You will operate as a member of a team and conduct a primary search. You will select the search pattern. You must maintain your chosen search pattern throughout the search. You must search until the victim is located or you have completed your search. If you locate a victim, you are required to remove the victim from the hazardous environment. You may use any method to remove the victim as long as it does not harm the victim and you are successful in removing the victim. You must maintain communication with your partner throughout the search.

This is not a timed event; however, you should complete this event within a reasonable fireground time. To pass this station, you must successfully complete 100% of the critical steps (steps in **BOLD**) and a majority of the non-critical steps (steps in *ITALICS*).

**P-Pass / F-Fail:**

1 <sup>st</sup> Attempt	2 <sup>nd</sup> attempt	
_____	_____	1. <i>Confirmed order to search for down firefighter.</i>
_____	_____	2. <b>Assessed area to determine tenability for both rescuer and victim.</b>
_____	_____	3. <i>Properly donned personal protective clothing and SCBA.</i>
_____	_____	4. <i>Crawled low during search and rescue.</i>
_____	_____	5. <b>Maintained selected search pattern and searched assigned area.</b>
_____	_____	6. <i>Communicated with partner &amp; maintained contact.</i> (verbal and/or physical contact)
_____	_____	7. <i>Notified Command upon locating down firefighter.</i>
_____	_____	8. <b>Rescued firefighter with nonfunctioning respiratory protection.</b>
_____	_____	9. <b>Operated as a member of a team.</b>
_____	_____	10. <b>Team integrity was maintained.</b>
_____	_____	11. <b>Team safety (including respiratory protection) was not compromised.</b>
_____	_____	12. <i>Notified Command upon completing assignment.</i>

**Candidate’s Name:** \_\_\_\_\_ **Station:** P \_\_\_\_\_ F \_\_\_\_\_  
1<sup>st</sup> Attempt 2<sup>nd</sup> attempt

**Evaluator’s Signature:** \_\_\_\_\_



## **Skill Sheet #16A: Attack Interior Structure Fire – Grade Level & Replace Burst Hose**

### **Portland Community College Fire Fighter I Skills Assessment**

**JPR:** NFPA 1001-2019, Section 4.3.10.

**Reference:** IFSTA, *Essentials of Fire Fighting*®, 7<sup>th</sup> edition, 2018.

**Candidate Equipment Required:** Full Personal Protective Clothing, SCBA, PASS Alarm

**Evaluator Equipment Required:** Live Fire Burn Facility; Pumper; Water Source; Hose & Nozzle; Ladder; Hose Tool (strap or rope); forcible entry tools; Thermal Imaging Camera

#### **Read To Candidate:**

For this skill event, you will attack a grade level interior structure fire operating as a member of a team. This is a two part skill event assessment. In **Part I**, you will be assigned to attack the grade level fire. You must use appropriate protective equipment including SCBA and fire fighting tools. After I give you the assignment, the skill assessment will begin. You will be required to assess all hazards, utilize safety precautions, and use appropriate attack line advancement techniques for either a charged or uncharged hose line. You must determine and use an appropriate fire attack technique to control and extinguish the fire. Prior to entry, you must verbalize your hazard assessment, safety precautions you will practice, and fire attack technique you will use (direct, indirect, or combination). Once the fire is under control, you will be required to verbalize how you would locate fires in void spaces, and how you would expose and extinguish those fires.

For **Part II**, after you have extinguished the interior fire, I will direct you to replace a “simulated” burst section of hose.

This is not a timed event; however, you should complete this event within a reasonable fireground time. To pass this station, you must successfully complete 100% of the critical steps (steps in **BOLD**) and a majority of the non-critical steps (steps in *ITALICS*) in both **Part I** and **Part II**.

**--OVER--**

**P-Pass / F-Fail:**

1<sup>st</sup> Attempt    2<sup>nd</sup> attempt

**Skill Demonstration: Part I**

**Interior Fire Attack**

- |       |       |  |
|-------|-------|--|
| _____ | _____ | 1. Confirmed order to perform offensive fire attack.   |
| _____ | _____ | 2. Properly donned personal protective clothing and SCBA.  |
| _____ | _____ | 3. Performed 360° walk-around and S.L.I.C.E.R.S.   |
| _____ | _____ | <b>4. Recognized and managed hazards.</b>  |
| _____ | _____ | <b>5. Deployed hose line (charged or uncharged) to fire.</b>   |
| _____ | _____ | <b>6. Gained access into fire area.</b>  |
| _____ | _____ | <b>7. Properly operated nozzle when opening, closing, and adjusting nozzle flow and pattern.</b>               |
| _____ | _____ | <b>8. Used appropriate fire attack technique to facilitate suppression (direct, indirect, or combination).</b> |
| _____ | _____ | <b>9. Fire was approached correctly.</b>   |
| _____ | _____ | <b>10. Correct body posture was maintained.</b>  |
| _____ | _____ | <b>11. Fire was brought under control.</b>   |
| _____ | _____ | <b>12. Operated nozzle so as to prevent water hammer.</b>  |
| _____ | _____ | <b>13. Effective water application was used.</b>   |
| _____ | _____ | <b>14. Located and controlled fires in void spaces (walls and subfloors).</b>                                  |
| _____ | _____ | <b>15. Operated as a member of a team.</b>   |
| _____ | _____ | <b>16. Team integrity was maintained during Operation.</b>   |
| _____ | _____ | 17. Notified Command upon controlling fire.  |

**Skill Demonstration: Part II**

**Replace Burst Hose:**

- |       |       |  |
|-------|-------|--|
| _____ | _____ | 18. Called for hose line to be shut down.  |
| _____ | _____ | 19. Located and carried replacement hose to location of burst hose line.           |
| _____ | _____ | <b>20. Replace burst section of hose. (uncoupled &amp; coupled hose correctly)</b> |
| _____ | _____ | 21. Called for hose line to be charged.  |

Candidate's Name: \_\_\_\_\_ Station: P \_\_\_\_\_ F \_\_\_\_\_  
1<sup>st</sup> Attempt

P \_\_\_\_\_ F \_\_\_\_\_  
2<sup>nd</sup> attempt

Evaluator's Signature: \_\_\_\_\_



## Skill Sheet 16B: Attack Interior Structure Fire - Above Grade Level & Extend Hose Line

### Portland Community College Fire Fighter I Skills Assessment

**JPR:** NFPA 1001-2019, Section 4.3.10.

**Reference:** IFSTA, *Essentials of Fire Fighting*®, 7<sup>th</sup> edition, 2018.

**Candidate Equipment Required:** Full Personal Protective Clothing, SCBA, PASS Alarm

**Evaluator Equipment Required:** Live Fire Burn Facility; Floor Prop; Wall Prop; Pumper; Water Source; Hose & Nozzle; Ladder; Hose Tool (or Rope); forcible entry tools; Thermal Imaging Camera, Spare Fire Attack Hose.

#### Read To Candidate:

For this skill event, you will attack an interior structure fire above grade level, using stairs, and operating as a member of a team. This is a two-part skill event assessment. In **Part I**, you will be assigned to attack the above grade fire. You must use appropriate protective equipment including SCBA and firefighting tools. After I give you the assignment, the skill assessment will begin. You will be required to assess all hazards, utilize safety precautions, and use appropriate attack line advancement techniques for either a charged or uncharged hose line. You must determine and use an appropriate fire attack technique to control and extinguish the fire. Prior to entry, you must verbalize your hazard assessment, safety precautions you will practice, and fire attack technique you will use (direct, indirect, or combination). Once the fire is under control, you will be required to verbalize how you would locate fires in void spaces, and how you would expose and extinguish those fires.

For **Part II**, after you have extinguished the interior fire, I will direct you to extend the hose line to a specified length.

This is not a timed event; however, you should complete this event within a reasonable fireground time. To pass this station, you must successfully complete 100% of the critical steps (steps in **BOLD**) and a majority of the non-critical steps (steps in *ITALICS*) in both **Part I** and **Part II**.

--OVER--

**P-Pass / F-Fail:**

1<sup>st</sup> Attempt    2<sup>nd</sup> attempt

**Skill Demonstration: Part I**

**Interior Fire Attack**

- |       |       |  |
|-------|-------|--|
| _____ | _____ | 1. Confirmed order to perform offensive fire attack.   |
| _____ | _____ | 2. Properly donned personal protective clothing and SCBA.  |
| _____ | _____ | 3. Performed 360° size up.   |
| _____ | _____ | 4. Recognized and managed hazards.   |
| _____ | _____ | 5. <b>Deployed hose line (charged or uncharged) to fire.</b>   |
| _____ | _____ | 6. <b>Gained access into fire area.</b>  |
| _____ | _____ | 7. <b>Properly operated nozzle when opening, closing, and adjusting nozzle flow and pattern.</b>               |
| _____ | _____ | 8. <b>Used appropriate fire attack technique to facilitate suppression (direct, indirect, or combination).</b> |
| _____ | _____ | 9. <b>Fire was approached correctly.</b>   |
| _____ | _____ | 10. <b>Correct body posture was maintained.</b>  |
| _____ | _____ | 11. <b>Fire was brought under control.</b>   |
| _____ | _____ | 12. <b>Operated nozzle so as to prevent water hammer.</b>  |
| _____ | _____ | 13. <b>Located and controlled fires in void spaces (walls and subfloors).</b>                                  |
| _____ | _____ | 14. <b>Effective water application was used.</b>   |
| _____ | _____ | 15. <b>Operated as a member of a team.</b>   |
| _____ | _____ | 16. <b>Team integrity was maintained during Operation.</b>   |
| _____ | _____ | 17. <i>Notified Command upon controlling fire.</i>   |

**Skill Demonstration: Part II**

**Extend Hose Line**

- |       |       |   |
|-------|-------|---|
| _____ | _____ | 18. <i>Called for hose line to be shut down.</i>  |
| _____ | _____ | 19. <b>Located and carried hose for extending handline to location where it will be inserted.</b> |
| _____ | _____ | 20. <b>Inserted hose required for length needed. (uncoupled &amp; coupled hose correctly)</b>     |
| _____ | _____ | 21. <i>Called for hose line to be charged.</i>  |

Candidate's Name: \_\_\_\_\_ Station: P \_\_\_\_\_ F \_\_\_\_\_  
1<sup>st</sup> Attempt

P \_\_\_\_\_ F \_\_\_\_\_  
2<sup>nd</sup> attempt

Evaluator's Signature: \_\_\_\_\_

## Skill Sheet #16C: Attack Interior Structure Fire - *Below Grade Level*

### Portland Community College Fire Fighter I Skills Assessment

**JPR:** NFPA 1001-2019, Section 4.3.10.

**Reference:** IFSTA, *Essentials of Fire Fighting*®, 7<sup>th</sup> edition, 2018.

**Candidate Equipment Required:** Full Personal Protective Clothing, SCBA, PASS Alarm

**Evaluator Equipment Required:** Live Fire Burn Facility; Floor Prop; Wall Prop; Pumper; Water Source; Hose & Nozzle; Ladder; Hose Tool (or Rope); forcible entry tools; Thermal Imaging Camera, Spare Fire Attack Hose.

#### **Read To Candidate:**

For this skill event, you will attack a below grade level interior structure fire operating as a member of a team. You must use appropriate protective equipment including SCBA and firefighting tools. After I give you the assignment, the skill assessment will begin. You will be required to assess all hazards, utilize safety precautions, and use appropriate attack line advancement techniques for either a charged or uncharged hose line. You must determine and use an appropriate fire attack technique to control and extinguish the fire. Prior to entry, you must verbalize your hazard assessment, safety precautions you will practice, and fire attack technique you will use (direct, indirect, or combination). Once the fire is under control, you will be required to verbalize how you would locate fires in void spaces, and how you would expose and extinguish those fires.

This is not a timed event; however, you should complete this event within a reasonable fireground time. To pass this station, you must successfully complete 100% of the critical steps (steps in **BOLD**) and a majority of the non-critical steps (steps in *ITALICS*).

--OVER--

**P-Pass / F-Fail:**

1<sup>st</sup> Attempt    2<sup>nd</sup> attempt

**Skill Demonstration: Part I**

**Interior Fire Attack**

- |       |       |   |
|-------|-------|---|
| _____ | _____ | 1. <i>Confirmed order to perform offensive fire attack.</i>   |
| _____ | _____ | 2. <i>Properly donned personal protective clothing and SCBA.</i>  |
| _____ | _____ | 3. <i>Performed 360° size up.</i>   |
| _____ | _____ | 4. <i>Recognized and managed hazards.</i>   |
| _____ | _____ | 5. <b>Deployed hose line (charged or uncharged) to fire.</b>  |
| _____ | _____ | 6. <b>Gained access into fire area.</b>   |
| _____ | _____ | 7. <b>Properly operated nozzle when opening, closing, and adjusting nozzle flow and pattern.</b>                        |
| _____ | _____ | 8. <b>Used appropriate fire attack technique to facilitate suppression</b> ( <i>direct, indirect, or combination</i> ). |
| _____ | _____ | 9. <b>Fire was approached correctly.</b>  |
| _____ | _____ | 10. <b>Correct body posture was maintained.</b>   |
| _____ | _____ | 11. <b>Fire was brought under control.</b>  |
| _____ | _____ | 12. <b>Operated nozzle so as to prevent water hammer.</b>   |
| _____ | _____ | 13. <b>Located and controlled fires in void spaces</b> ( <i>walls and subfloors</i> ).                                  |
| _____ | _____ | 14. <b>Effective water application was used.</b>  |
| _____ | _____ | 15. <b>Operated as a member of a team.</b>  |
| _____ | _____ | 16. <b>Team integrity was maintained during Operation.</b>  |
| _____ | _____ | 17. <i>Notified Command upon controlling fire.</i>  |

Candidate's Name: \_\_\_\_\_ Station: P \_\_\_\_\_ F \_\_\_\_\_  
1<sup>st</sup> Attempt

P \_\_\_\_\_ F \_\_\_\_\_  
2<sup>nd</sup> attempt

Evaluator's Signature: \_\_\_\_\_



## Skill Sheet #18: Overhaul a Fire Scene

### Portland Community College Fire Fighter I Skills Assessment

**JPR:** NFPA 1001-2019, Section 4.3.13.

**Reference:** IFSTA, *Essentials of Fire Fighting*®, 7<sup>th</sup> edition, 2018.

**Candidate Equipment Required:** Full Personal Protective Clothing and SCBA.

**Evaluator Equipment Required:** Pumper; Water Source; Hose & Nozzle; Axe; Pike Pole, Thermal Imaging Camera (TIC).

#### Read To Candidate:

For this skill event, you will be required to demonstrate the overhaul of a fire scene so that all hidden fires are exposed and extinguished. Full personal protective clothing including SCBA, must be worn during this evaluation. You are responsible for recognizing and preserving obvious signs of area of origin and/or arson. Void spaces should be exposed while maintaining structural integrity. Water must be applied for maximum effectiveness and the entire fire scene should be evaluated for complete extinguishment.

To pass this station, you must successfully complete 100% of the critical steps (steps in **BOLD**) and a majority of the non-critical steps (steps in *ITALICS*).

#### P-Pass / F-Fail:

1<sup>st</sup> Attempt    2<sup>nd</sup> attempt

- |       |       |   |
|-------|-------|---|
| _____ | _____ | 1. <i>Confirmed order to perform overhaul.</i>  |
| _____ | _____ | 2. <i>Selected appropriate power and/or hand tools for overhaul tasks.</i>  |
| _____ | _____ | 3. <b>Deployed attack line to overhaul area.</b>  |
| _____ | _____ | 4. <b>Removed flooring, ceiling, and wall components to expose void spaces without compromising structural integrity.</b> |
| _____ | _____ | 5. <i>Stood between overhaul work area and safe means of exit.</i>  |
| _____ | _____ | 6. <b>Exposed and extinguished hidden fires in walls, ceilings, and subfloor spaces.</b>                                  |
| _____ | _____ | 7. <b>Applied water for maximum effectiveness. (operated attack line)</b>   |
| _____ | _____ | 8. <b>Recognized and preserved obvious signs of area of origin and arson.</b>   |
| _____ | _____ | 9. <b>Evaluated fire scene for complete extinguishment.</b>   |
| _____ | _____ | 10. <i>Notified Command upon completing assigned overhaul.</i>  |

**Candidate's Name:** \_\_\_\_\_ **Station:** P \_\_\_\_\_ F \_\_\_\_\_  
1<sup>st</sup> Attempt

P \_\_\_\_\_ F \_\_\_\_\_  
2<sup>nd</sup> attempt

**Evaluator's Signature:** \_\_\_\_\_

## Skill Sheet #19A: Conserve Property - *Deploy Salvage Cover*

### Portland Community College Firefighter I Skills Assessment

**JPR:** NFPA 1001-2019, Section 4.3.14.

**Reference:** IFSTA, *Essentials of Fire Fighting*®, 7<sup>th</sup> edition, 2018.

**Required Candidate Equipment:** Full Personal Protective Clothing and Eye Protection.

**Required Instructor Equipment:** Furniture, Salvage Cover, Mop, Squeegee, Sprinkler Valves, Open Sprinkler Head Connected to Water Supply, and Sprinkler Wedges & Tongs.

#### **Read To Candidate:**

For this skill event, you will perform property conservation operations as assigned. There are two parts in this skill assessment. In both parts, you must wear full personal protective clothing. SCBA is not required, but eye protection is required.

In **Part I**, I will direct you to deploy a salvage cover by yourself or as a member of a two-person team and remove any “standing” water in the area while protecting the area I identify as the point of origin. After completing the property conservation actions, you are required to prepare the salvage cover for reuse.

In **Part II**, you are required to stop the flow from a sprinkler head and operate the main control valve (either the PIV or the OS&Y) to stop the flow in the sprinkler system.

To pass this station, you must successfully complete 100% of the critical steps (steps in **BOLD**) and a majority of the non-critical steps (steps in *ITALICS*) in both **Part I** and **Part II**.

- OVER -





## Skill Sheet #19B: Conserve Property - *Construct Water Chute*

### Portland Community College Firefighter I Skills Assessment

**JPR:** NFPA 1001-2019, Section 4.3.14.

**Reference:** IFSTA, *Essentials of Fire Fighting*®, 7<sup>th</sup> edition, 2018.

**Required Candidate Equipment:** Full Personal Protective Clothing and Eye Protection.

**Required Instructor Equipment:** Furniture, Salvage Cover, 2 Pike Poles (8' to 12' long), Single Ladder, Mop, Squeegee, Sprinkler Valves, Open Sprinkler Head Connected to Water Supply, and Sprinkler Wedges & Tongs.

**Read To Candidate:**

For this skill event, you will perform property conservation operations as assigned. There are two parts in this skill assessment. In both parts, you must wear full personal protective clothing. SCBA is not required, but eye protection is required.

In **Part I**, I will direct you to construct a water chute as a member of a two person team and remove any “standing” water in the area while protecting the area I identify as the point of origin. After completing the property conservation actions, you are required to prepare the salvage cover for reuse.

In **Part II**, you are required to stop the flow from a sprinkler head and operate the main control valve (either the PIV or the OS&Y) to stop the flow in the sprinkler system.

To pass this station, you must successfully complete 100% of the critical steps (steps in **BOLD**) and a majority of the non-critical steps (steps in *ITALICS*) in both **Part I** and **Part II**.

- OVER -



## Skill Sheet #19C: Conserve Property - *Construct Catchall*

### Portland Community College Firefighter I Skills Assessment

**JPR:** NFPA 1001-2019, Section 4.3.14.

**Reference:** IFSTA, *Essentials of Fire Fighting*®, 7<sup>th</sup> edition, 2018.

**Required Candidate Equipment:** Full Personal Protective Clothing and Eye Protection.

**Required Instructor Equipment:** Furniture, Salvage Cover, Mop, Squeegee, Sprinkler Valves, Open Sprinkler Head Connected to Water Supply, and Sprinkler Wedges & Tongs.

#### **Read To Candidate:**

For this skill event, you will perform property conservation operations as assigned. There are two parts in this skill assessment. In both parts, you must wear full personal protective clothing. SCBA is not required, but eye protection is required.

In **Part I**, I will direct you to construct a catchall as a member of a two person team and remove any “standing” water in the area while protecting the area I identify as the point of origin. After completing the property conservation actions, you are required to prepare the salvage cover for reuse.

In **Part II**, you are required to stop the flow from a sprinkler head and operate the main control valve (either the PIV or the OS&Y) to stop the flow in the sprinkler system.

To pass this station, you must successfully complete 100% of the critical steps (steps in **BOLD**) and a majority of the non-critical steps (steps in *ITALICS*) in both **Part I** and **Part II**.

- OVER -



## Skill Sheet #20A: Connect FD Pumper to Water Supply – *Hydrant: Forward Lay*

### Portland Community College Fire Fighter I Skills Assessment

**JPR:** NFPA 1001-2019, Section 4.3.15.

**Reference:** IFSTA, *Essentials of Fire Fighting*®, 7<sup>th</sup> edition, 2018.

**Candidate Equipment Required:** Full Personal Protective Clothing.

**Evaluator Equipment Required:** Pumper, Fire Hydrant, Hydrant Wrench, 2-1/2" (or Larger) Supply Hose, Intake Supply Hose, Hard Suction Hose, Various Adapters (as required to establish water supply).

#### Read To Candidate:

For this skill event, you will be assessed on your ability to connect a pumper to a residual water supply (hydrant). You must “charge” the supply hose when I direct you to do so. You are not required to connect the supply hose to the pump. I will connect the supply hose to the pumper. Your assessment will be considered complete when you advise me you have completed the assignment. After completing the assignment, I will direct you to return the hydrant to a ready state. You will not be assessed on returning the supply hose to a ready state.

Prior to beginning the assessment, I will give you an opportunity to check to ensure everything is in a ready state.

This is not a timed event; however, you should complete this event within a reasonable fireground time. To pass this station, you must successfully complete 100% of the critical steps (steps in **BOLD**) and a majority of the non-critical steps (steps in *ITALICS*).

#### P-Pass / F-Fail:

1<sup>st</sup> Attempt    2<sup>nd</sup> attempt

#### Connect To a Hydrant:

- |       |       |  |
|-------|-------|--|
| _____ | _____ | 1. <i>Confirmed order to make hydrant connection using a forward lay.</i>  |
| _____ | _____ | 2. <i>Advanced hose from pumper to hydrant and took all required hose appliances and adapters required to make the connection. (After candidate reaches hydrant, he/she did not return to pumper in order to complete connection).</i> |
| _____ | _____ | 3. <b>Connected supply hose to hydrant.</b> <i>(connections are tight)</i>   |
| _____ | _____ | 4. <b>Fully opened hydrant when directed.</b> <i>(when directed by pump operator)</i>  |
| _____ | _____ | 5. <i>Hydrant connection completed within a “reasonable” time frame.</i>   |
| _____ | _____ | 6. <b>Water flow was unobstructed.</b> <i>(no kinks in hose)</i>   |
| _____ | _____ | 7. <b>Fully closed hydrant when directed.</b> <i>(when directed by pump operator)</i>  |
| _____ | _____ | 8. <i>Returned hydrant to ready state.</i>   |

**Candidate’s Name:** \_\_\_\_\_ **Station:** P \_\_\_\_\_ F \_\_\_\_\_  
1<sup>st</sup> Attempt 2<sup>nd</sup> attempt

**Evaluator’s Signature:** \_\_\_\_\_

## Skill Sheet #20B: Connect FD Pumper to Water Supply – *Hydrant: Reverse Lay*

### Portland Community College Fire Fighter I Skills Assessment

**JPR:** NFPA 1001-2019, Section 4.3.15.

**Reference:** IFSTA, *Essentials of Fire Fighting*®, 7<sup>th</sup> edition, 2018.

**Candidate Equipment Required:** Full Personal Protective Clothing.

**Evaluator Equipment Required:** One or Two Pumpers, Fire Hydrant, Hydrant Wrench, 2-1/2” (or Larger) Supply Hose, Various Adapters (Double Male, Double Female, Reducers, etc.).

#### Read To Candidate:

For this skill event, you will operate as a member of a team to connect a pumper to a residual water supply (hydrant or second pumper). You are required to advance (at least 200 feet) the supply hose I identify from the pumper being supplied to the water supply. The team is required to connect the supply hose to the pumper being supplied. The assessment will be considered complete when the team advises me the assignment is complete (the supply hose will not be charged, but must be complete and could be charged). After completing the assignment, I will direct you to return everything to a ready state.

Prior to beginning the assessment, I will give you an opportunity to check to ensure everything is in a ready state.

This is not a timed event; however, you should complete this event within a reasonable fireground time. To pass this station, you must successfully complete 100% of the critical steps (steps in **BOLD**) and a majority of the non-critical steps (steps in *ITALICS*).

#### P-Pass / F-Fail:

1<sup>st</sup> Attempt    2<sup>nd</sup> attempt

#### Hand Lay Supply Hose:

- |       |       |   |
|-------|-------|---|
| _____ | _____ | 1. <i>Confirmed order to hand lay supply hose from engine located at water source to attack engine.</i> |
| _____ | _____ | 2. <b>Hand laid supply hose from engine at water source to attack engine.</b> ( <i>reverse lay</i> )    |
| _____ | _____ | 3. <i>Connected supply hose to engine at water source.</i>  |
| _____ | _____ | 4. <i>Connected supply hose to attack engine intake.</i>  |
| _____ | _____ | 5. <i>Supply hose laid and water supply established within a “reasonable” time frame.</i>               |
| _____ | _____ | 6. <b>Water flow was unobstructed.</b> ( <i>no kinks in hose</i> )                                      |
| _____ | _____ | 7. <b>Operated as a member of a team.</b>   |
| _____ | _____ | 8. <i>Returned everything to ready state.</i>   |

**Candidate’s Name:** \_\_\_\_\_ **Station:** P \_\_\_\_\_ F \_\_\_\_\_  
1<sup>st</sup> Attempt

P \_\_\_\_\_ F \_\_\_\_\_  
2<sup>nd</sup> attempt

**Evaluator’s Signature:** \_\_\_\_\_

## Skill Sheet #20C: Connect FD Pumper to Water Supply – *Hand Lay Hose to Water Source*

### Portland Community College Fire Fighter I Skills Assessment

**JPR:** NFPA 1001-2019, Section 4.3.15.

**Reference:** IFSTA, *Essentials of Fire Fighting*®, 7<sup>th</sup> edition, 2018.

**Candidate Equipment Required:** Full Personal Protective Clothing.

**Evaluator Equipment Required:** Pumper, Portable Water Tanks, Hard Suction Supply Hose, Suction Hose Intake Devices (strainer or low water suction device), 1½” or 1¾” Hose.

#### Read To Candidate:

For this skill event, you will operate as a member of a team to establish a water supply from a static water supply (portable water tanks). The team is required to deploy portable water tanks, hose for drafting, hose for transferring water from a portable water tank to the portable water tank to be used for the drafting operation, and appropriate devices required for the transfer and drafting operation. The team is not required to fill the portable water tanks or operate the pump. The assessment will be considered to be complete when the team advises me the assignment has been completed. You will not be assessed on returning the equipment to a ready state.

Prior to beginning the assessment, I will give you an opportunity to check to ensure everything is in a ready state.

This is not a timed event; however, you should complete this event within a reasonable fireground time. To pass this station, you must successfully complete 100% of the critical steps (steps in **BOLD**) and a majority of the non-critical steps (steps in *ITALICS*).

#### P-Pass / F-Fail:

1<sup>st</sup> Attempt    2<sup>nd</sup> attempt

#### Set-up for Static Water Source:

- |       |       |   |
|-------|-------|---|
| _____ | _____ | 1. <i>Confirmed order to set-up for static water source using a portable tank.</i>              |
| _____ | _____ | 2. <b>Properly deployed portable water tank.</b>  |
| _____ | _____ | 3. <b>Properly deployed equipment necessary to transfer water between portable water tanks.</b> |
| _____ | _____ | 4. <i>Connected strainer to hard suction.</i>   |
| _____ | _____ | 5. <b>Connected and placed hard suction hose for drafting operation.</b>                        |
| _____ | _____ | 6. <b>Properly positioned hard hose in static water source for drafting operation.</b>          |
| _____ | _____ | 7. <i>Set-up for static water source completed within a “reasonable” time frame.</i>            |
| _____ | _____ | 8. <b>Operated as a member of a team.</b>   |

**Candidate’s Name:** \_\_\_\_\_ **Station:** P \_\_\_\_\_ F \_\_\_\_\_  
1<sup>st</sup> Attempt

P \_\_\_\_\_ F \_\_\_\_\_  
2<sup>nd</sup> attempt

**Evaluator’s Signature:** \_\_\_\_\_

## Skill Sheet #20D: Connect FD Pumper to Water Supply – *Static Water Source*

### Portland Community College Fire Fighter I Skills Assessment

**JPR:** NFPA 1001-2019, Section 4.3.15.

**Reference:** IFSTA, *Essentials of Fire Fighting*®, 7<sup>th</sup> edition, 2018.

**Candidate Equipment Required:** Full Personal Protective Clothing.

**Evaluator Equipment Required:** Pumper, Portable Water Tanks, Hard Suction Supply Hose, Suction Hose Intake Devices (strainer or low water suction device), 1½” or 1¾” Hose.

#### Read To Candidate:

For this skill event, you will operate as a member of a team to establish a water supply from a static water supply (portable water tanks). The team is required to deploy portable water tanks, hose for drafting, hose for transferring water from a portable water tank to the portable water tank to be used for the drafting operation, and appropriate devices required for the transfer and drafting operation. The team is not required to fill the portable water tanks or operate the pump. The assessment will be considered to be complete when the team advises me the assignment has been completed. You will not be assessed on returning the equipment to a ready state.

Prior to beginning the assessment, I will give you an opportunity to check to ensure everything is in a ready state.

This is not a timed event; however, you should complete this event within a reasonable fireground time. To pass this station, you must successfully complete 100% of the critical steps (steps in **BOLD**) and a majority of the non-critical steps (steps in *ITALICS*).

#### P-Pass / F-Fail:

1<sup>st</sup> Attempt    2<sup>nd</sup> attempt

#### Set-up for Static Water Source:

- |       |       |   |
|-------|-------|---|
| _____ | _____ | 1. <i>Confirmed order to set-up for static water source using a portable tank.</i>              |
| _____ | _____ | 2. <b>Properly deployed portable water tank.</b>  |
| _____ | _____ | 3. <b>Properly deployed equipment necessary to transfer water between portable water tanks.</b> |
| _____ | _____ | 4. <i>Connected strainer to hard suction.</i>   |
| _____ | _____ | 5. <b>Connected and placed hard suction hose for drafting operation.</b>                        |
| _____ | _____ | 6. <b>Properly positioned hard hose in static water source for drafting operation.</b>          |
| _____ | _____ | 7. <i>Set-up for static water source completed within a “reasonable” time frame.</i>            |
| _____ | _____ | 8. <b>Operated as a member of a team.</b>   |

**Candidate’s Name:** \_\_\_\_\_ **Station:** P \_\_\_\_\_ F \_\_\_\_\_  
1<sup>st</sup> Attempt

P \_\_\_\_\_ F \_\_\_\_\_  
2<sup>nd</sup> attempt

**Evaluator’s Signature:** \_\_\_\_\_





## Skill Sheet #22: Illuminate the Emergency Scene

### Portland Community College Firefighter I Skills Assessment

**JPR:** NFPA 1001-2019, Section 4.3.17.

**Reference:** IFSTA, *Essentials of Fire Fighting*®, 7<sup>th</sup> edition, 2018.

**Candidate Equipment Required:** Full Personal Protective Clothing.

**Evaluator Equipment Required:** Generator; Extra Fuel & Oil; Extension Cords; Connectors (Junction Boxes); Portable Lights.

#### Read To Candidate:

For this skill event, you will be required to illuminate a simulated emergency scene. You are responsible for checking the fuel and oil in the power plant prior to starting it, starting the power plant, and arranging extension cords to minimize trip hazards and potential electrical hazards due to water. You must also deploy portable lights to maximize their effectiveness in illuminating the designated area.

To pass this station, you must successfully complete 100% of the critical steps (steps in **BOLD**) and a majority of the non-critical steps (steps in *ITALICS*).

#### P-Pass / F-Fail:

1<sup>st</sup> Attempt    2<sup>nd</sup> attempt

- |       |       |  |
|-------|-------|--|
| _____ | _____ | 1. <i>Confirmed order to illuminate the emergency scene.</i>   |
| _____ | _____ | 2. <b>Positioned lights for best effect.</b>   |
| _____ | _____ | 3. <b>Deployed extension cords &amp; connectors.</b>   |
| _____ | _____ | 4. <i>Checked power plant fuel &amp; oil levels before operation.</i>                                |
| _____ | _____ | 5. <b>Operated power supply.</b>   |
| _____ | _____ | 6. <b>Operated lighting equipment.</b>   |
| _____ | _____ | 7. <b>Operated all equipment within manufacturer's listed safety precautions.</b>                    |
| _____ | _____ | 8. <b>Designated areas are effectively illuminated.</b>  |
| _____ | _____ | 9. <i>Followed manufacturer's safety guidelines for operating lights and illumination equipment.</i> |
| _____ | _____ | 10. <b>Operated ground fault interrupter (GFI) device on power supply or junction box.</b>           |
| _____ | _____ | 11. <i>Notified Command emergency scene is illuminated.</i>  |

**Candidate's Name:** \_\_\_\_\_ **Station:** P \_\_\_\_\_ F \_\_\_\_\_  
1<sup>st</sup> Attempt

P \_\_\_\_\_ F \_\_\_\_\_  
2<sup>nd</sup> attempt

**Evaluator's Signature:** \_\_\_\_\_



## Skill Sheet #24A: Combat Ground Cover Fire – *Extinguish with Hand Tools*

### Portland Community College Fire Fighter I Skills Assessment

**JPR:** NFPA 1001-2019, Section 4.3.19.

**Reference:** IFSTA, *Essentials of Fire Fighting*®, 7<sup>th</sup> edition, 2018.

**Candidate Equipment Required:** Full Personal Protective Clothing or Complete Wildland Fire Fighting Ensemble.

**Evaluator Equipment Required:** Terrain Model, Hand Tools, Pumper (or Wildland fire apparatus), Attack (or Forestry) Hose, Nozzle.

#### Read To Candidate:

For this skill event, you will operate as a member of a team to extinguish a simulated ground cover fire with hand tools. You will be required to use hand tools to extinguish a ground cover fire. Prior to combating the fire, you must verbally identify potential threats to your safety and potential threats to exposures. Once the fire is extinguished, you must ensure fire line integrity is maintained. If I order you to retreat, you must react properly. It is important you verbalize your thoughts related to hazard assessment and safety considerations.

To pass this station, you must successfully complete 100% of the critical steps (steps in **BOLD**) and a majority of the non-critical steps (steps in *ITALICS*).

#### P-Pass / F-Fail:

1<sup>st</sup> Attempt    2<sup>nd</sup> attempt

- |       |       | <b>Extinguish with Hand Tools:</b>   |
|-------|-------|--|
| _____ | _____ | 1. <i>Confirmed order to extinguish fire with hand tools.</i>  |
| _____ | _____ | 2. <b>Determined potential threats to property and reported to IC.</b> ( <i>based on fire spread potential</i> ) |
| _____ | _____ | 3. <b>Determined potential threats to personal safety were recognized.</b> ( <i>verbalize</i> )                  |
| _____ | _____ | 4. <b>Protected exposures.</b>   |
| _____ | _____ | 5. <b>Extinguished ground cover fire with hand tools.</b>  |
| _____ | _____ | 6. <b>Maintained integrity of established fire lines.</b> ( <i>verbalize</i> )                                   |
| _____ | _____ | 7. <b>If retreat was warranted or ordered, it was accomplished quickly and safely.</b>                           |
| _____ | _____ | 8. <b>Assignment was completed.</b>  |
| _____ | _____ | 9. <b>Operated as a member of a team.</b>  |
| _____ | _____ | 10. <i>Notified Command when fire line is completed.</i>   |

**Candidate's Name:** \_\_\_\_\_ **Station:** P \_\_\_\_\_ F \_\_\_\_\_  
1<sup>st</sup> Attempt

P \_\_\_\_\_ F \_\_\_\_\_  
2<sup>nd</sup> attempt

**Evaluator's Signature:** \_\_\_\_\_

## Skill Sheet #24B: Combat Ground Cover Fire – *Suppress with Water*

### Portland Community College Fire Fighter I Skills Assessment

**JPR:** NFPA 1001-2019, Section 4.3.19.

**Reference:** IFSTA, *Essentials of Fire Fighting*®, 7<sup>th</sup> edition, 2018.

**Candidate Equipment Required:** Full Personal Protective Clothing or Complete Wildland Fire Fighting Ensemble.

**Evaluator Equipment Required:** Terrain Model, Hand Tools, Pumper (or Wildland fire apparatus), Attack (or Forestry) Hose, Nozzle.

#### Read To Candidate:

For this skill event, you will operate as a member of a team to suppress a simulated ground cover fire using water. You will be required to use progressive hose lays to suppress a ground cover fire. Prior to combating the fire, you must verbally identify potential threats to your safety and potential threats to exposures. Once the fire is suppressed, you must ensure the ground cover fire is suppressed. If I order you to retreat, you must react properly. It is important you verbalize your thoughts related to hazard assessment and safety considerations.

To pass this station, you must successfully complete 100% of the critical steps (steps in **BOLD**) and a majority of the non-critical steps (steps in *ITALICS*).

#### P-Pass / F-Fail:

1<sup>st</sup> Attempt    2<sup>nd</sup> attempt

#### Suppress Fire Using Water:

- |       |       |  |
|-------|-------|--|
| _____ | _____ | 1. <i>Confirmed order to suppress fire with water.</i>   |
| _____ | _____ | 2. <b>Determined potential threats to property and reported to IC.</b> ( <i>based on fire spread potential</i> ) |
| _____ | _____ | 3. <b>Determined potential threats to personal safety were recognized.</b> ( <i>verbalize</i> )                  |
| _____ | _____ | 4. <b>Protected exposures.</b>   |
| _____ | _____ | 5. <b>Suppressed ground cover fire using water.</b>  |
| _____ | _____ | 6. <b>Maintained integrity of established fire lines.</b> ( <i>verbalize</i> )                                   |
| _____ | _____ | 7. <b>If retreat was warranted or ordered, it was accomplished quickly and safely.</b>                           |
| _____ | _____ | 8. <b>Assignment was completed.</b>  |
| _____ | _____ | 9. <b>Operated as a member of a team.</b>  |
| _____ | _____ | 10. <i>Notified Command when fire line is completed.</i>   |

**Candidate's Name:** \_\_\_\_\_ **Station:** P \_\_\_\_\_ F \_\_\_\_\_  
1<sup>st</sup> Attempt 2<sup>nd</sup> attempt

**Evaluator's Signature:** \_\_\_\_\_





## Skill Sheet #27: Clean and Check – SCBA

### Portland Community College Fire Fighter I Skills Assessment

**JPR:** NFPA 1001-2019, Section 4.5.1.

**Reference:** IFSTA, *Essentials of Fire Fighting*®, 7<sup>th</sup> edition, 2018.

**Candidate Equipment Required:** Station Uniform and Gloves.

**Evaluator Equipment Required:** Cleaning Supplies and SCBA.

**Read To Candidate:**

For this skill event, you will be required to check and clean SCBA. There are two parts to this skill event. **Part I** requires you to perform an inspection and **Part II** requires you demonstrate cleaning. You will be provided with all the necessary equipment and supplies necessary to accomplish your task. You must verbalize to me all the components that you are checking.

This is not a timed event; however, you should complete this event within a reasonable time. To pass this station, you must successfully complete 100% of the critical steps (steps in **BOLD**) and a majority of the non-critical steps (steps in *ITALICS*) for both **Part A** (inspection) and **Part B** (cleaning).

-OVER-



**P-Pass / F-Fail:**

1<sup>st</sup> Attempt    2<sup>nd</sup> attempt

**Skill Demonstration: Part I**

**Checking (inspecting)**

- |       |       |  |
|-------|-------|--|
| _____ | _____ | <b>1. Selected correct tools and equipment for checking SCBA. (if applicable)</b>  |
| _____ | _____ | 2. <i>Identified all components of SCBA are present.</i>   |
| _____ | _____ | 3. <i>Checked all SCBA components for cleanliness and damage.</i>  |
| _____ | _____ | 4. <i>Verified cylinder has current hydrostatic test date.</i>   |
| _____ | _____ | 5. <i>Verified cylinder is full.</i>   |
| _____ | _____ | 6. <i>Opened cylinder slowly while listening for audible air leaks. (if leaking, resolved leak(s) or removed from service)</i> |
| _____ | _____ | 7. <i>Checked gauges and/or indicators.</i>  |
| _____ | _____ | 8. <i>Checked all PASS functions.</i>  |
| _____ | _____ | 9. <i>Donned facepiece and checked for leaks.</i>  |
| _____ | _____ | 10. <i>Checked regulator by taking several normal breaths.</i>   |
| _____ | _____ | 11. <i>Operated bypass/purge valve.</i>  |
| _____ | _____ | 12. <i>Turned cylinder off, bled pressure from system, and listened for low-air alarm.</i>                                     |
| _____ | _____ | <b>13. Followed manufacturer’s and NFPA 1852 guidelines for checking.</b>  |

**Skill Demonstration: Part II**

**Cleaning**

- |       |       |   |
|-------|-------|---|
| _____ | _____ | 14. <i>Selected correct supplies for cleaning SCBA.</i>   |
| _____ | _____ | <b>15. Followed manufacturer’s and NFPA 1852 guidelines for cleaning.</b>   |
| _____ | _____ | 16. <i>After cleaning, inspected all components for damage.</i>   |
| _____ | _____ | <b>17. Equipment is placed in a ready state or reported otherwise. (all components &amp; straps returned to a state of readiness)</b> |
| _____ | _____ | <b>18. Completed records and reporting procedures as required.</b>  |

**Candidate’s Name:** \_\_\_\_\_ **Station:** P \_\_\_\_\_ F \_\_\_\_\_  
1<sup>st</sup> Attempt

P \_\_\_\_\_ F \_\_\_\_\_  
2<sup>nd</sup> attempt

**Evaluator’s Signature:** \_\_\_\_\_

## Skill Sheet #28: Clean and Check – Ropes

### Portland Community College Fire Fighter I Skills Assessment

**JPR:** NFPA 1001-2019, Section 4.5.1.

**Reference:** IFSTA, *Essentials of Fire Fighting*®, 7<sup>th</sup> edition, 2018.

**Candidate Equipment Required:** Station Uniform Clothing.

**Evaluator Equipment Required:** Life Safety Rope, Cleaning Supplies.

#### Read To Candidate:

For this skill event, you will be required to clean and check a life safety rope. You will be provided with all the necessary cleaning supplies to accomplish your task. You must verbalize to me all the components you are checking.

This is not a timed event; however, you should complete this event within a reasonable fireground time. To pass this station, you must successfully complete 100% of the critical steps (steps in **BOLD**) and a majority of the non-critical steps (steps in *ITALICS*).

#### P-Pass / F-Fail:

1<sup>st</sup> Attempt    2<sup>nd</sup> attempt

- |       |       |  |
|-------|-------|--|
| _____ | _____ | <b>1. Selected correct equipment for cleaning rope.</b>                                      |
| _____ | _____ | 2. <i>Examined rope surface for cuts, stains, and fraying.</i>                               |
| _____ | _____ | 3. <i>Examined inner components by feeling for thinness or bunching.</i>                     |
| _____ | _____ | 4. <i>Cleaned rope with clear water using rope washer, front loading washer, or by hand.</i> |
| _____ | _____ | 5. <i>Allowed rope to air dry completely. (not in the sun)</i>                               |
| _____ | _____ | <b>6. Cleaned and checked according to manufacturer's guidelines.</b>                        |
| _____ | _____ | 7. <i>Returned rope to storage.</i>  |
| _____ | _____ | <b>8. Completed records and reporting procedures as required.</b>                            |
| _____ | _____ | <b>9. Rope was placed in a ready state or reported otherwise.</b>                            |

**Candidate's Name:** \_\_\_\_\_ **Station:** P \_\_\_\_\_ F \_\_\_\_\_  
1<sup>st</sup> Attempt

P \_\_\_\_\_ F \_\_\_\_\_  
2<sup>nd</sup> attempt

**Evaluator's Signature:** \_\_\_\_\_





## Skill Sheet #31A: Clean, Inspect, & Return Fire Hose to Service – *Reload Hose*

### Portland Community College Firefighter I Skills Assessment

**JPR:** NFPA 1001-2019, Section 4.5.2.

**Reference:** IFSTA, *Essentials of Fire Fighting*®, 7<sup>th</sup> edition, 2018.

**Candidate Equipment Required:** Work station uniform.

**Evaluator Equipment Required:** Cleaning Supplies, Attack Hose, Supply Hose, Fire Apparatus with Hose Bed or Hose Bed Prop.

**Read To Candidate:**

For this skill event, you will be required to inspect, clean, and return fire hose to service. There are two **Parts** to this skill event. In **Part I**, you are required to inspect and clean fire hose. In **Part II**, you are required to load fire hose on fire apparatus.

For **Part I**, you will demonstrate inspection and cleaning fire hose. If you determine the hose is damaged/defective, you must mark it and remove it from service. You will verbalize to me as you inspect and identify any damage/defect you find. After inspecting the fire hose, you will demonstrate cleaning and drying it.

For **Part II**, you will demonstrate loading fire hose. I will direct you to load a supply hose. This will be performed as part of a team. The supply hose must be loaded so it is in a ready state for service.

To pass this station, you must successfully complete 100% of the critical steps (steps in **BOLD**) and a majority of the non-critical steps (steps in *ITALICS*).

- OVER -



## Skill Sheet #31B: Clean, Inspect, & Return Fire Hose to Service – *Roll Hose*

### Portland Community College Firefighter I Skills Assessment

**JPR:** NFPA 1001-2019, Section 4.5.2.

**Reference:** IFSTA, *Essentials of Fire Fighting*®, 7<sup>th</sup> edition, 2018.

**Candidate Equipment Required:** Work station uniform.

**Evaluator Equipment Required:** Cleaning Supplies, Attack Hose, Supply Hose.

#### **Read To Candidate:**

For this skill event, you will be required to inspect, clean, and return fire hose to service. There are two **Parts** to this skill event. In **Part I**, you are required to inspect and clean fire hose. In **Part II**, you are required to roll fire hose for placement on rack or fire apparatus.

For **Part I**, you will demonstrate inspection and cleaning fire hose. If you determine the hose is damaged/defective, you must mark it and remove it from service. You will verbalize to me as you inspect and identify any damage/defect you find. After inspecting the fire hose, you will demonstrate cleaning and drying it.

For **Part II**, you will demonstrate rolling fire hose. I will direct you to roll a length (50' or 100') of fire hose. I will identify what type of hose roll to demonstrate. The fire hose must be rolled so it is in a ready state for service.

To pass this station, you must successfully complete 100% of the critical steps (steps in **BOLD**) and a majority of the non-critical steps (steps in *ITALICS*).

**-OVER-**







## Local Verification and Mask Fit

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# PORTLAND COMMUNITY COLLEGE

## Fire Fighter I

### Local Verification and Mask Fit

#### NFPA 1001-2019

Candidate's Name: \_\_\_\_\_ Date of Birth: \_\_\_\_\_

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#### Required Verifications by Local Authority

Mark Each Box

1. Mask Fit Verification: The candidate has been fit-tested in compliance with 29 CFR 1910.134 within the last 12 months.

The fit test was conducted on the following date: \_\_\_\_/\_\_\_\_/\_\_\_\_

Facepiece size and type: Size: \_\_\_\_\_ Type: \_\_\_\_\_

**NOTE: Fit-Test documentation with the original signature of the tester MUST be attached to this form.**

2. Physical Fitness as required by Section 4.2, Fitness Requirements, NFPA 1001, *Standard for Fire Fighter Professional Qualifications*, 2019 Edition. As developed and validated by the AHJ.
3. Medical Training as required by Section 4.3, Emergency Medical Care, NFPA 1001, *Standard for Fire Fighter Professional Qualifications*, 2019 Edition. Emergency medical care to include:
- Infection control
  - CPR
  - Bleeding Control
  - Shock management
4. The candidate has successfully demonstrated the ability to locate information in departmental documents SOGs/SOPs, as required by Section 5.1.2, General Skills Requirements, NFPA 1001, *Standard for Fire Fighter Professional Qualifications*, 2019 Edition.
5. The candidate has successfully demonstrated the ability to locate information in locally adopted standards and codes, as required by Section 5.1.2, General Skills Requirements, NFPA 1001, *Standard for Fire Fighter Professional Qualifications*, 2019 Edition.

-OVER-

