

International Fire Service Certification Program
2019 Edition



FIRE PROTECTION TECHNOLOGY

Certification Guide

Fire Fighter II



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 II** 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 II, candidates are responsible to know and be able to perform all job performance requirements (JPRs), requisite knowledge and requisite skills, identified in Chapter 5, Fire Fighter II, 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 II Certification Information:

The certification examination process for becoming certified as a Fire Fighter II 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 II 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 II 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 II certification skills examination:
 - Candidates will be tested over a minimum of three (3) randomly selected skill events from the list of Fire Fighter II skill events identified in this certification guidebook. **Exception:** Fire Fighter II Skill Assessments #10 and #11 will be signed off by the training officer.
 - 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 skill event **are not** considered to have failed the entire skills examination process, but only that individual event.
 - Candidates that fail one event must retest the skill event failed and one randomly selected event.
 - Candidates that fail two 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 three (3) 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 give “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 II 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 II 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 4, Fire Fighter I; of NFPA 1001, Standard for Fire Fighter Professional Qualifications, 2019 Edition. Documentation of previous certification must include a certificate with an IFSAC seal and registry number.**

Certification Examination Instructions

Fire Fighter II

NFPA 1001-2019

Certification Prerequisites and Requirements:

Candidates seeking Fire Fighter II 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 2019.
2. Candidates must provide **“official verification”** of the following requirements before they will be permitted to test for Fire Fighter II certification. They:
 - Fire Fighter I level certification from an IFSAC accredited entity.
 - 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.
 - Meets the physical fitness requirements for entry-level personnel as developed by the AHJ.
 - Successfully completed **Public Fire Safety Survey in a Private Dwelling** meeting 100% of the critical steps identified on the Fire Fighter II, Skills Assessment, Skill Sheet #10.
 - Successfully **Present Fire Safety Information to Station Visitors or Small Groups** meeting 100% of the critical steps identified on the Fire Fighter II, Skills Assessment, Skill Sheet #11.
3. Proof of SCBA face piece 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 II level.
6. Candidates must provide proof of certification to Chapter 4, Fire Fighter I; of NFPA 1001, *Standard for Fire Fighter Professional Qualifications*, 2019 Edition. Documentation of previous certification must include a certificate with an IFSAC seal and registry number.

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

Certification Examination Process

Written Examination:

The Fire Fighter II written examination component of the certification examination process consists of one written test based on **Requisite Knowledge** listed in Chapter 5, Fire Fighter II, 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 II test contains 100 multiple choice test items covering Fire Fighter II level knowledge requirements as identified in Chapter 5, 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 II certification examination?
 - a. 25
 - b. 50
 - c. 75
 - d. 100

Skills Examination:

The Fire Fighter II 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 5, Fire Fighter II, of NFPA 1001, *Standard for Fire Fighter Professional Qualifications*, 2019 Edition.

- Candidates will be assessed on a minimum of three (3), 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*, 7th 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 II Certification Examination

1. Each candidate applying to certify at the Fire Fighter II 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 II 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 face piece 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 face piece 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 II

Standard:

All written examination test items are based on Chapter 5, Fire Fighter II, 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 II written examination. However, PCC has chosen to adopt and reference the International Fire Service Training Association (IFSTA), *Essentials of Fire Fighting*, 7th Edition, 2018.

NFPA Standard Section & Number	Reference Page(s)
General Knowledge Requirements: 5.1.1 <ul style="list-style-type: none"> • Responsibilities of the Fire Fighter II in assuming and transferring command within an incident management system • Performing assigned duties in conformance with applicable NFPA and other safety regulations and AHJ procedures • Role of a Fire Fighter II within the organization 	IFSTA: 899-930
Fire Department Communications: 5.2.1 <ul style="list-style-type: none"> • Content requirements for basic incident reports • Purpose and usefulness of accurate reports • Consequences of inaccurate reports • How to obtain necessary information • Required coding procedures 	IFSTA: 899-930
Fire Department Communications: 5.2.2 <ul style="list-style-type: none"> • SOPs for alarm assignments • Fire department radio communication procedures 	IFSTA: 899-930
Fire Ground Operations: 5.3.1 <ul style="list-style-type: none"> • Methods by which foam prevents or controls a hazard • Principles by which foam is generated • Causes for poor foam generation and corrective measures • Difference between hydrocarbon and polar solvent fuels and the concentrates that work on each • Characteristics, uses, and limitations of fire-fighting foams • Advantages and disadvantages of using fog nozzles versus foam nozzles for foam application • Foam stream application techniques • Hazards associated with foam usage • Methods to reduce or avoid hazards 	IFSTA: 899-930

<p>Fire Ground Operations: 5.3.2</p> <ul style="list-style-type: none"> • Selection of the nozzle and hose for fire attack, given different fire situations • Selection of adapters and appliances to be used for specific fireground situations • Dangerous building conditions created by fire and fire suppression activities • Indicators of building collapse • Effects of fire and fire suppression activities on wood, masonry (brick, block, stone), cast iron, steel, reinforced concrete, gypsum wallboard, glass, and plaster on lath • Search and rescue and ventilation procedures • Indicators of structural instability • Suppression approaches and practices for various types of structural fires • Association between specific tools and special forcible entry needs 	<p>IFSTA: 783-803, 899-930</p>
<p>Fire Ground Operations: 5.3.3</p> <ul style="list-style-type: none"> • Characteristics of pressurized flammable gases • Elements of a gas cylinder • Effects of heat and pressure on closed cylinders • Boiling liquid expanding vapor explosion (BLEVE) signs and effects • Methods for identifying contents • How to identify safe havens before approaching flammable gas cylinder fires • Water stream usage and demands for pressurized cylinder fires • What to do if the fire is prematurely extinguished • Valve types and their operation • Alternative actions related to various hazards • When to retreat 	<p>IFSTA: 871-896</p>
<p>Fire Ground Operations: 5.3.4</p> <ul style="list-style-type: none"> • Methods to assess origin and cause • types of evidence • Means to protect various types of evidence • Role and relationship of Fire Fighter IIs, criminal investigators, and insurance investigators in fire investigations • Effects and problems associated with removing property or evidence from the scene 	<p>IFSTA: 933-956</p>
<p>Rescue Operations: 5.4.1</p> <ul style="list-style-type: none"> • Fire department's role at a vehicle accident • Points of strength and weakness in auto body construction • Dangers associated with vehicle components and systems • Uses and limitations of hand and power extrication equipment • Safety procedures when using various types of extrication equipment 	<p>IFSTA: 807-868</p>

<p>Rescue Operations: 5.4.2</p> <ul style="list-style-type: none"> • Fire fighter's role at a technical rescue operation • Hazards associated with technical rescue operations • Types and uses for rescue tools • Rescue practices and goals 	<p>IFSTA: 807-868</p>
<p>Prevention, Preparedness, and Maintenance: 5.5.1</p> <ul style="list-style-type: none"> • Organizational policy and procedures • Common causes of fire and their prevention • Importance of a fire safety survey and public fire education programs to fire department public relations and the community • Referral procedures 	<p>IFSTA: 975-1018</p>
<p>Prevention, Preparedness, and Maintenance: 5.5.2</p> <ul style="list-style-type: none"> • Parts of informational materials and how to use them • Basic presentation skills • Departmental standard operating procedures for giving fire station tours 	<p>IFSTA: 975-1018</p>
<p>Prevention, Preparedness, and Maintenance: 5.5.3</p> <ul style="list-style-type: none"> • Sources of water supply for fire protection • Fundamentals of fire suppression and detection systems • Common symbols used in diagramming construction features, utilities, hazards, and fire protection systems • Departmental requirements for a preincident survey and form completion • Importance of accurate diagrams 	<p>IFSTA: 975-1018</p>
<p>Prevention, Preparedness, and Maintenance: 5.5.4</p> <ul style="list-style-type: none"> • Types of cleaning methods • Correct use of cleaning solvents • Manufacturer and departmental guidelines for maintaining equipment and its documentation • Problem-reporting practices 	<p>IFSTA: 959-971</p>
<p>Prevention, Preparedness, and Maintenance: 5.5.5</p> <ul style="list-style-type: none"> • Procedures for safely conducting hose service testing • Indicators that dictate any hose be removed from service • Recording procedures for hose test results 	<p>IFSTA: 959-971</p>

Cumulative reading pages, for written test, in numerical order.**IFSTA, Essentials of Fire Fighting, 7th edition:**

- Chapter 1: 6-9, 11-16, 20-22, 26-33
- Chapter 2: 71
- Chapter 3: 96, 98, 101-104, 114-121, 128
- Chapter 4: 134-135, 139, 144-145, 163, 190-201
- Chapter 5: 227-229
- Chapter 9: 450, 454
- Chapter 10: 484-504, 520, 531-552
- Chapter 11: 599, 604, 626
- Chapter 13: 731-733
- Chapter 14: 796
- Chapter 15: 836-837, 872-873, 938-939
- Chapter 16: 954-955, 961-962, 967-986, 993-998
- Chapter 17: 1009-1010, 1057-1078, 1098
- Chapter 19: 1146-1147, 1158-1159, 1162-1173
- Chapter 20: 1178-1216
- Chapter 21: 1221, 1226-1227, 1230, 1237-1266,

Skills Examination Study Guide Fire Fighter II

Standard:

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References:

Textbook: Any textbook covering basic firefighting knowledge and techniques appropriate for “fire academy” instruction can be used to prepare for the Fire Fighter II skills examination. However, PCC has chosen to adopt and reference the International Fire Service Training Association, *Essentials of Fire Fighting*, 7th 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*, 7th edition, and FPT, *Fire Academy Skills Booklet*, 2019 edition.

NFPA Standard Section & Number	Skills Booklet Reference Page
General Skill Requirements: 5.1.2 <ul style="list-style-type: none"> • Determine the need for command • Organize and coordinate an incident management system until command is transferred • Function within an assigned role in an incident management system 	Skill #1 p. 143
Fire Department Communications: 5.2.1 <ul style="list-style-type: none"> • Determine necessary codes • Proof reports • Operate fire department computers or other equipment necessary to complete reports 	Skill #2 p. 145
Fire Department Communications: 5.2.2 <ul style="list-style-type: none"> • Operate fire department communications equipment 	Skill #3 p. 147
Fire Ground Operations: 5.3.1 <ul style="list-style-type: none"> • Prepare a foam concentrate supply for use • Assemble foam stream components • Master various foam application techniques • Approach and retreat from spills as part of a coordinated team 	Skill #4 p. 149

<p>Fire Ground Operations: 5.3.2</p> <ul style="list-style-type: none"> • Assemble a team • Choose attack techniques for various levels of a fire (e.g., attic, grade level, upper levels, or basement) • Evaluate and forecast a fire's growth and development • Select tools for forcible entry • Incorporate search and rescue procedures and ventilation procedures in the completion of the attack team efforts • Determine developing hazardous building or fire conditions 	Skill #5 p. 153
<p>Fire Ground Operations: 5.3.3</p> <ul style="list-style-type: none"> • Execute effective advances and retreats • Apply various techniques for water application • Assess cylinder integrity and changing cylinder conditions • Operate control valves • Choose effective procedures when conditions change 	Skill #6 p. 157
<p>Fire Ground Operations: 5.3.4</p> <ul style="list-style-type: none"> • Locate the fire's origin area • Recognize possible causes • Protect the evidence 	Skill #7 p. 159
<p>Rescue Operations: 5.4.1</p> <ul style="list-style-type: none"> • Operate hand and power tools used for forcible entry and rescue as designed • Use cribbing and shoring material • Choose and apply appropriate techniques for moving or removing vehicle roofs, doors, windshields, windows, steering wheels or columns, and the dashboard 	Skill #8 p. 161
<p>Rescue Operations: 5.4.2</p> <ul style="list-style-type: none"> • Identify and retrieve various types of rescue tools • Establish public barriers • Assist rescue teams as a member of the team when assigned 	Skill #9 p. 165
<p>Prevention, Preparedness, and Maintenance: 5.5.1</p> <ul style="list-style-type: none"> • Complete forms • Recognize hazards • Match findings to preapproved recommendations • Effectively communicate findings to occupants or referrals 	Skill #10 p. 167

<p>Prevention, Preparedness, and Maintenance: .5.2</p> <ul style="list-style-type: none"> • Document presentations • Use prepared materials 	Skill #11 p. 169
<p>Prevention, Preparedness, and Maintenance: 5.5.3</p> <ul style="list-style-type: none"> • Identify the components of fire suppression and detection systems • Sketch the site, buildings, and special features • Detect hazards and special considerations to include in the preincident sketch • Complete all related departmental forms 	Skill #12 p. 171
<p>Prevention, Preparedness, and Maintenance: 5.5.4</p> <ul style="list-style-type: none"> • Select correct tools • Follow guidelines • Complete recording and reporting procedures • Operate power plants, power tools, and lighting equipment 	Skill #13 p. 173
<p>Prevention, Preparedness, and Maintenance: 5.5.5</p> <ul style="list-style-type: none"> • Operate hose testing equipment and nozzles • record results 	Skill #14 p. 177

Cumulative IFSTA Skill Sheets, in numerical order:

3-II-1, 10-II-1, 10-II-2, 10-II-3, 10-II-4, 10-II-7, 10-II-8, 10-II-9, 10-II-10, 10-II-11, 11-I-2 (*Fire Fighter II JPR not Fire Fighter I*), 15-II-1, 16-II-1, 16-II-2, 17-II-1, 17-II-2, 19-II-1, 21-II-1, 21-II-2, 21-II-4.

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

Fire Fighter II Skill Sheets #1 through #14.

Fire Fighter II

Skill Assessment Guides

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Skill Sheet #1: Incident Management System

Portland Community College Fire Fighter II Skills Assessment

JPR: NFPA 1001-2019 edition, Section 5.1.2.

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

Required Candidate Equipment: Full Personal Protective Clothing.

Required Instructor Equipment: Fire Department Radio and Simulated Incident.

Read To Candidate:

For this skill event, you will be required to function as the company officer of the first arriving company, implement an Incident Management System (IMS), and utilize the IMS until you transfer Command. Once you transfer Command, you will operate in the role assigned by Command.

This is not a timed event, but you should complete the assignment as expeditiously as possible. 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

1st Attempt 2nd attempt

- | | | |
|-------|-------|---|
| _____ | _____ | 1. Determined the need for command. |
| _____ | _____ | 2. <i>Sized up the incident. (did a 360° observation)</i> |
| _____ | _____ | 3. <i>Communicated size-up results to dispatch and/or incoming units.</i> |
| _____ | _____ | 4. <i>Assumed command of the incident.</i> |
| _____ | _____ | 5. <i>Identified incident priorities, strategies, and objectives.</i> |
| _____ | _____ | 6. <i>Requested additional resources. (if required)</i> |
| _____ | _____ | 7. Organized & coordinated the IMS until command is transferred. |
| _____ | _____ | 8. <i>Transferred command to senior officer and provided briefing.</i> |
| _____ | _____ | 9. Functioned in assigned IMS role after transfer of command. |

Candidate's Name: _____ **Station:** P _____ F _____
1st Attempt

P _____ F _____
2nd attempt

Evaluator's Signature: _____

Skill Sheet #2: Complete a Basic Incident Report

Portland Community College Fire Fighter II Skills Assessment

JPR: NFPA 1001-2019 edition, Section 5.2.1.

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

Required Candidate Equipment: Station Uniform.

Required Instructor Equipment: NFIRS Report and Scenario.

Read To Candidate:

For this skill event, you will be required to complete a basic incident report given a written scenario. Complete the report using only the information provided in the written scenario and by the evaluator. **DO NOT** fabricate information. The report should utilize appropriate codes. If available, report should be completed utilizing computers or other equipment.

This is not a timed event. To pass this station, you must successfully complete 100% of the critical steps (steps in **BOLD**).

P-Pass / F-Fail

1st Attempt 2nd attempt

- | | | |
|-------|-------|--|
| _____ | _____ | 1. <i>Gathered notes and other information on the incident.</i> |
| _____ | _____ | 2. Completed basic Incident Report form using necessary codes. |
| _____ | _____ | 3. All pertinent information was recorded. |
| _____ | _____ | 4. Proof read report to verify information was accurate and complete. (including signature on form or electronic signature) |
| _____ | _____ | 5. Operated computers or utilized forms necessary to complete report. |

Candidate's Name: _____ **Station:** P _____ F _____
1st Attempt

P _____ F _____
2nd attempt

Evaluator's Signature: _____

Skill Sheet #3: Communicate Need for Team Assistance

Portland Community College Fire Fighter II Skills Assessment

JPR: NFPA 1001-2019 edition, Section 5.2.2.

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

Required Candidate Equipment: Full Personal Protective Clothing and SCBA

Required Instructor Equipment: Fire Department Radio and Incident Scenario

Read To Candidate:

For this skill event, you will be required to communicate the need for team assistance, so that the Incident Commander is consistently informed of team needs, departmental SOPs are followed, and the assignment is accomplished safely. I will give you a scenario requiring additional resources to safely accomplish the assigned task. You will be required to use a fire department radio to communicate your team's needs to the incident commander (or division/group supervisor). I will serve as the incident command (division/group supervisor) for the skill.

This is not a timed event. 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

1st Attempt 2nd attempt

- | | | |
|-------|-------|--|
| _____ | _____ | 1. <i>Recognized the need for team assistance.</i> |
| _____ | _____ | 2. Operated communications equipment to request team assistance. |
| _____ | _____ | 3. <i>Consistently informed Command of team needs so assignment was accomplished safely.</i> |

Candidate's Name: _____ **Station:** P _____ F _____
1st Attempt

P _____ F _____
2nd attempt

Evaluator's Signature: _____

Skill Sheet #4: Extinguish an Ignitable Liquid Fire

Portland Community College Fire Fighter II Skills Assessment

JPR: NFPA 1001-2019 edition, Section 5.3.1.

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

Required Candidate Equipment: Full Personal Protective Clothing and SCBA.

Required Instructor Equipment: Fire Department Pumper, Simulated Ignitable Liquid Fire, Foam Concentrate, Foam Proportioner, Water Supply, and Attack Line.

Read To Candidate:

For this skill event, you will be required to operate as a member of a team to extinguish an ignitable liquid fire, given foam concentrates, a foam proportioning device, water supply, and attack line,. You must select the proper type of foam concentrate for the simulated ignitable fire, assemble foam stream components, and then apply the foam stream in an appropriate manner to create and maintain a foam blanket for extinguishing the fire and preventing re-ignition. Your team must maintain a foam stream for protection and continue facing the hazard while retreating to a safe haven.

This is not a timed event. 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

1st Attempt 2nd attempt

- | | | |
|-------|-------|---|
| _____ | _____ | 1. <i>Confirmed order to extinguish ignitable liquid fire.</i> |
| _____ | _____ | 2. <i>Properly donned personal protective clothing and SCBA.</i> |
| _____ | _____ | 3. <i>Selected proper type of foam concentrate for fuel.</i> |
| _____ | _____ | 4. Prepared foam concentrate supply for use. |
| _____ | _____ | 5. Assembled foam stream components. |
| _____ | _____ | 6. Safely approached the fire as a member of a team. |
| _____ | _____ | 7. Applied foam stream to surface using appropriate application technique. |
| _____ | _____ | 8. <i>Extinguished fire.</i> |
| _____ | _____ | 9. <i>Maintained foam blanket, preventing re-ignition.</i> |
| _____ | _____ | 10. Team retreated while facing hazard until reaching a safe haven. |
| _____ | _____ | 11. <i>Notified Command upon exiting the hazardous area.</i> |

Candidate's Name: _____ **Station:** P _____ F _____
1st Attempt

P _____ F _____
2nd attempt

Evaluator's Signature: _____

Skill Sheet #5: Coordinate an Interior Attack Line

Portland Community College Fire Fighter II Skills Assessment

JPR: NFPA 1001-2019 edition, Section 5.3.2.

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

Required Candidate Equipment: Full Personal Protective Clothing and SCBA.

Required Instructor Equipment: Fire Department Resources (appropriate for conducting interior attack), Water Supply, Attack Line, Simulated Interior Fire, Fire Department Radio.

Read To Candidate:

For this skill event, you must demonstrate the coordination of the initial attack line for an interior fire attack. You will assume command and function as the initial incident commander (IC). You will be required to evaluate fire growth and development, utilize correct attack techniques, communicate the incident action plan (IAP) to attack line team members, and establish and maintain team integrity. You must select appropriate tools and equipment for entry. The evaluator will act as a higher-ranking officer to whom command will be transferred.

As the interior attack is being conducted, you will be responsible for communicating or managing search & rescue and ventilation requirements. You must recognize and monitor developing or hazardous building conditions, report hazards to attack line team members, and apprise the incident command of changing conditions.

This is not a timed event. 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

1st Attempt 2nd attempt

- | | | |
|-------|-------|---|
| _____ | _____ | 1. <i>Assumed initial command of fire.</i> (Command is transferred to and assumed by next arriving officer) |
| _____ | _____ | 2. <i>Properly donned personal protective clothing and SCBA.</i> |
| _____ | _____ | 3. Assembled an attack line team and established crew integrity. |
| _____ | _____ | 4. <i>Organized & briefed team.</i> |
| _____ | _____ | 5. Evaluated & forecasted fire's growth & development. (S.L.I.C.E.R.S.) |
| _____ | _____ | 6. <i>Selected appropriate access location.</i> |
| _____ | _____ | 7. Selected tools required for forcible entry. |
| _____ | _____ | 8. Selected appropriate attack techniques for the given level of the fire. |
| _____ | _____ | 9. Attack techniques are communicated to the attack line team. |
| _____ | _____ | 10. Identified developing hazardous building or fire conditions. |
| _____ | _____ | 11. Reported hazards to attack teams. |
| _____ | _____ | 12. Constant attack line team coordination was maintained. |
| _____ | _____ | 13. Continuously evaluated the fire's growth and developing conditions. |
| _____ | _____ | 14. Search & rescue and ventilation are incorporated or communicated as part of attack line team's effort. |
| _____ | _____ | 15. Command apprised of changing conditions. |
| _____ | _____ | 16. <i>Notified Command upon exiting structure.</i> |

Candidate's Name: _____ **Station:** P _____ F _____
1st Attempt

P _____ F _____
2nd attempt

Evaluator's Signature: _____

Skill Sheet #8: Vehicle Extrication

Portland Community College Fire Fighter II Skills Assessment

JPR: NFPA 1001-2019 edition, Section 5.4.1.

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

Required Candidate Equipment: Full Personal Protective Clothing, Eye Protection.

Required Instructor Equipment: Salvaged Automobile, Standard Complement of Powered Rescue Tools, Hand Tools, Cribbing Material, Rescue Manikin.

Read To Candidate:

At this station, you will be required to operate as a member of a team to extricate a victim entrapped in a simulated motor vehicle. You will be required to conduct a scene size up, establish safety barriers, assess the need for extrication, determine the condition of vehicle, identify hazards including supplemental restraint system, stabilize the vehicle, and perform necessary extrication so the entrapped victim can be safely removed from the vehicle (*NOTE: The victim WILL NOT be removed from the motor vehicle*). You need to verbalize your size up; your assessment of the need for extrication; your determination of vehicle condition; and your assessment of hazards. When performing the extrication, the entrapped victim must be appropriately protected to prevent further injury. Actions that would cause further injury to the victim will result in failure of this skill event.

I will identify the components of the vehicle required to be moved or removed, e.g., roof, doors, or dash.

This is not a timed event, but you should complete the assignment in 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

1st Attempt 2nd attempt

- | | | |
|-------|-------|---|
| _____ | _____ | 1. <i>Confirmed order to perform vehicle extrication.</i> |
| _____ | _____ | 2. <i>Properly donned personal protective clothing and SCBA.</i> |
| _____ | _____ | 3. <i>Sized up scene, including condition of vehicle.</i> |
| _____ | _____ | 4. <i>Assessed potential hazards.</i> |
| _____ | _____ | 5. <i>Established safety barrier.</i> |
| _____ | _____ | 6. Effectively used cribbing to stabilize vehicle. |
| _____ | _____ | 7. Safely operated power and/or hand tools. |
| _____ | _____ | 8. Chose & applied effective techniques for moving or removing: (as appropriate) |
| | | • Vehicle roof |
| | | • Doors |
| | | • Windshield |
| | | • Side & rear glass |
| | | • Steering wheel & column |
| | | • Dashboard |
| _____ | _____ | 9. <i>Supplemental restraint systems assessed and dealt with appropriately.</i> |
| _____ | _____ | 10. Victim appropriately protected throughout vehicle extrication operation. |
| _____ | _____ | 11. <i>Operated as a member of a team.</i> |
| _____ | _____ | 12. <i>Notified Command upon completing extrication.</i> |

Candidate's Name: _____ Station: P _____ F _____
1st Attempt

P _____ F _____
2nd attempt

Evaluator's Signature: _____

Skill Sheet #9: Assist Rescue Operation Teams

Portland Community College Fire Fighter II Skills Assessment

JPR: NFPA 1001-2019 edition, Section 5.4.2.

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

Required Candidate Equipment: Full Personal Protective Clothing.

Required Instructor Equipment: Cache of Rescue Tools & Equipment; Barrier Tape, Cones, Signs.

Read To Candidate:

At this station, you will be required to assist a rescue operation team. I will serve as the rescue team’s leader. I will direct you to retrieve various types of rescue tools, establish hazard zone barriers to protect the public, and assist the rescue team with various tasks, commensurate with NFPA 1001, Fire Fighter II, level of training.

This is not a timed event, but you should complete the assignment in a reasonable fireground time. To pass this station, you must successfully complete 100% of the critical steps (steps in **BOLD**) and at least one of the non-critical steps (steps in *italics*).

P-Pass / F-Fail

1st Attempt 2nd attempt

- | | | |
|-------|-------|--|
| _____ | _____ | 1. <i>Confirmed order to assist rescue operation team.</i> |
| _____ | _____ | 2. Identified & retrieved correct tools and equipment as directed by rescue team. |
| _____ | _____ | 3. Established safety barriers to protect public. |
| _____ | _____ | 4. Assisted rescue team, as an assigned member, when assigned by rescue team. |
| _____ | _____ | 5. <i>Notified Command upon completing assignment.</i> |

Candidate’s Name: _____ **Station:** P _____ F _____
1st Attempt 2nd attempt

Evaluator’s Signature: _____

Skill Sheet #10: Perform a Fire Safety Survey in a Private Dwelling

Portland Community College Fire Fighter II Skills Assessment

JPR: NFPA 1001-2019 edition, Section 5.5.1.

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

Required Candidate Equipment: Station Uniform.

Required Instructor Equipment: Survey forms, handlight, fire safety information material.

Read To Candidate:

For this skill performance evaluation, you will perform a fire safety survey in a private dwelling, given a residential survey form, fire and life safety information material, and necessary equipment. You are required to conduct the fire safety survey and provide fire and life safety information.

This is not a timed event, but you should complete the assignment in 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*).

P-Pass / F-Fail

1 st Attempt	2 nd attempt	
_____	_____	1. <i>Gathered information and material to conduct survey.</i>
_____	_____	2. <i>Contacted resident.</i>
_____	_____	3. <i>Explained purpose of survey to resident.</i>
_____	_____	4. <i>Conducted survey.</i>
_____	_____	5. Recognized hazards.
_____	_____	6. Matched findings to preapproved safety list.
_____	_____	7. Explain survey findings to resident.
_____	_____	8. <i>Concluded survey by providing fire and life safety information.</i>
_____	_____	9. Completed survey form and recorded results of survey according to policy.

Candidate's Name: _____ **Station:** P _____ F _____
1st Attempt 2nd attempt

Evaluator's Signature: _____

Skill Sheet #11: Present Fire Safety Information to Station Visitors or Small Groups

Portland Community College Fire Fighter II Skills Assessment

JPR: NFPA 1001-2019 edition, Section 5.5.2.

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

Required Candidate Equipment: Station Uniform.

Required Instructor Equipment: Lesson outline, media equipment, and instructional material.

Read To Candidate:

At this station, you will present a fire safety information program, given a lesson outline, media equipment, and instructional materials. You are required to present the assigned topic according to the lesson outline in a manner appropriate for the audience.

This is not a timed event, but you should complete the assignment in 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*).

P-Pass / F-Fail

1st Attempt 2nd attempt

- | | | |
|-------|-------|--|
| _____ | _____ | 1. <i>Determined audience and lesson topic to be taught.</i> |
| _____ | _____ | 2. <i>Determined location, date, and time for presentation.</i> |
| _____ | _____ | 3. <i>Properly prepared to deliver presentation.</i> |
| _____ | _____ | 4. <i>Introduced self and topic.</i> |
| _____ | _____ | 5. Followed prepared lesson outline. |
| _____ | _____ | 6. <i>Familiar with equipment and material used to present topic.</i> |
| _____ | _____ | 7. <i>Returned equipment, material, and lesson outline after presentation.</i> |
| _____ | _____ | 8. Recorded information according to policy. |

Candidate's Name: _____ **Station:** P _____ F _____
1st Attempt 2nd attempt

Evaluator's Signature: _____

Skill Sheet #12: Prepare a Pre-Incident Survey

Portland Community College Fire Fighter II Skills Assessment

JPR: NFPA 1001-2019 edition, Section 5.5.3.

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

Required Candidate Equipment: Station Uniform.

Required Instructor Equipment: Pre-incident Survey Forms, Sketch Pad, Building to Survey, Surveyor's Wheel.

Read To Candidate:

At this station, you must conduct a pre-incident survey, given pre-incident survey forms, a sketch pad, building to survey, and surveyor's wheel. After conducting the pre-incident survey, you must prepare the pre-incident survey forms provided. I will serve as the building owner/occupant.

This is not a timed event, but you should complete the assignment in 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*).

P-Pass / F-Fail

1st Attempt 2nd attempt

- | | | |
|-------|-------|--|
| _____ | _____ | 1. <i>Gained permission to conduct survey.</i> |
| _____ | _____ | 2. <i>Explained purpose of survey.</i> |
| _____ | _____ | 3. Sketched outside of building. |
| _____ | _____ | 4. Recorded outside observations. |
| _____ | _____ | 5. Sketched inside of building. |
| _____ | _____ | 6. Recorded inside observations. |
| _____ | _____ | 7. Recognized components of fire suppression and detection systems. |
| _____ | _____ | 8. <i>Recognized building construction features.</i> |
| _____ | _____ | 9. Recognized special features. |
| _____ | _____ | 10. Detected potential hazards. |
| _____ | _____ | 11. Identified special considerations. |
| _____ | _____ | 12. <i>Discussed results of survey with owner/manager.</i> |
| _____ | _____ | 13. Completed pre-incident plan form. |

Candidate's Name: _____ **Station:** P _____ F _____
1st Attempt

P _____ F _____
2nd attempt

Evaluator's Signature: _____

Skill Sheet #13: Maintain Power Plants, Power Tools, and Lighting Equipment

Portland Community College Fire Fighter II Skills Assessment

JPR: NFPA 1001-2019 edition, Section 5.5.4.

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

Required Candidate Equipment: Station Uniform and Safety Glasses.

Required Instructor Equipment: Power Plant, Lighting Equipment, Power Cords, Power Tools (e.g., chainsaw, circular saw, reciprocating saw, and extrication power unit), Maintenance Hand Tools, Appropriate Manufacturer's Equipment Instruction Manuals.

Read To Candidate:

At this station, you will be required to perform "operator-level" maintenance and repair on power plants, power tools, and lighting equipment per the manufacturer's guidelines. You must ensure the power plant, power tool, and lighting equipment is clean and functional and any operator-level corrective actions required are completed. Any power plant, power tool, or lighting equipment requiring more than operator-level corrective action should be removed from service and marked/tagged. In operable equipment should be reported to the appropriate person.

This is not a timed event, but you should complete the assignment as expeditiously as possible. To pass this station, you must successfully complete 100% of the critical steps (steps in **BOLD**).

P-Pass / F-Fail

1st Attempt 2nd attempt

- | | | |
|-------|-------|---|
| _____ | _____ | 1. Selected appropriate hand tools required to perform maintenance and equipment check. |
| _____ | _____ | 2. Followed manufacturer's guidelines. |
| _____ | _____ | 3. <i>Operator-level corrective actions taken to repair equipment.</i> (if required) |
| _____ | _____ | 4. Operated power plants, power tools, & lighting equipment following maintenance and check. |
| _____ | _____ | 5. Completed recording and reporting requirements. |

Candidate's Name: _____ **Station:** P _____ F _____
1st Attempt

P _____ F _____
2nd attempt

Evaluator's Signature: _____

Local Verification and Mask Fit

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PORTLAND COMMUNITY COLLEGE
Fire Fighter II
Local Verification and Mask Fit
NFPA 1001-2019

Candidate's Name: _____ Date of Birth: _____

Required Verifications by Local Authority

Mark Each Box

- 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: ____/____/____

Face mask size and type: Size: _____ Type: _____

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

- 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.
- The candidate has successfully completed **Public Fire Safety Survey in a Private Dwelling** meeting 100% of the critical steps identified on the Fire Fighter II, Skills Assessment, Skill Sheet #10.
- The candidate has successfully **Presented Fire Safety Information to Station Visitors or Small Groups** meeting 100% of the critical steps identified on the Fire Fighter II, Skills Assessment, Skill Sheet #11.
- The candidate has participated in live fire evolutions as identified in Section 5.3.3, General Skills Requirements, NFPA 1001, *Standard for Fire Fighter Professional Qualifications*, 2019 Edition.

For each of the above marked paragraphs, I affirm the Fire Fighter II certification candidate identified above has met the requirements listed. All information listed can be validated by departmental documents.

Printed Name of Chief or Training Officer

Signature

Date

Department (full name not abbreviation)

(_____) _____ - _____
Contact Number of Person Verifying