

**Justice Institute of British Columbia**  
**COURSE OUTLINE****Course Code: FSSK105****Course Title: Basic Fire Fighter Skills****Prerequisite Courses:**

- **Basic Fire Fighter Knowledge**
- **Intermediate Fire Fighter Knowledge**
- **Advanced Fire Fighter Knowledge**
- **ICS-100**

**School: School of Public Safety & Security****Division/Academy/Centre: Fire & Safety Division****Previous Course Code & Title: N/A****Course First Offered: 2015**

|                      |            |
|----------------------|------------|
| <b># of Credits:</b> | <b>3.0</b> |
|----------------------|------------|

**Course Description:**

Learn about and experience personal protective equipment (PPE) and self-contained breathing apparatus (SCBA). Explore the selection, care, maintenance and limits of protection offered. Discover personal safety requirements involved with riding on apparatus, explore methods of communication, and understand the importance of personnel accountability on the emergency scene. Familiarize yourself with fire attack lines, nozzles appliances, and water supplies with an emphasis on the operation of fire hydrants.

**Course Goal(s):** The goal of this course is to enable learners to develop the skills to meet the introductory job performance requirements (JPRs) of the National Fire Protection Association (NFPA) 1001 *Standard for Fire Fighter Professional Qualifications* (2013 edition).

**Learning Outcomes:**

Upon successful completion of this course, the learner will be able to:

1. Initiate emergency responses, receive telephone calls and use fire department communications equipment to correctly relay verbal or written information.
2. Respond on apparatus to an emergency scene, so that the apparatus is correctly mounted and dismounted, seat belts are used while the vehicle is in motion, and other personal protective equipment is correctly used.
3. Don personal protective clothing, doff personal protective clothing and prepare for reuse.
4. Prevent water hammers when shutting down nozzles; open, close, and adjust nozzle flow and patterns; apply water using direct, indirect, and combination attacks; advance charged and uncharged 1 1/2 in. (38 mm) diameter or larger hose lines up ladders and up and down interior and exterior stairways; extend hose lines; replace burst hose sections; operate charged hose lines of 1 1/2 in. (38 mm) diameter or larger while secured to a ground ladder; couple and uncouple various hand line connections; carry hose; attack fires at grade level and above and below grade levels.
5. Use SCBA during emergency operations so that the SCBA is correctly donned and correctly worn, controlled breathing techniques are used, emergency procedures are enacted if the SCBA fails, all low-air warnings are recognized, respiratory protection is not intentionally compromised, and hazardous areas are exited prior to air depletion.

6. Connect a Fire Department pumper to a water supply as a member of a team, so that connections are tight and water flow is unobstructed.

**Course Topics/Content:**

- Fire Department Communications
- Fire Fighter Safety
- PPE and SCBA
- Fire Attack Lines
- Water Supply

**Text and Resource Materials:**

International Association of Fire Chiefs, National Fire Protection Association. (2014). *Fundamentals of Fire Fighter Skills, Canadian 3rd Ed.* Burlington, MA: Jones & Bartlett Learning.

**Recommended: N/A**

**Course Level:**

|   |            |  |                   |  |            |  |             |
|---|------------|--|-------------------|--|------------|--|-------------|
| X | First Year |  | Second Year       |  | Third Year |  | Fourth Year |
|   | Graduate   |  | Other (describe): |  |            |  |             |

**Equivalent Course(s) within the JIBC: N/A**

**Class Delivery Methods:**

| Delivery Methods             | Class Option A<br>(Hours) | Class Option B<br>(Hours) | Class Option C<br>(Hours) | Class Option D<br>(Hours) |
|------------------------------|---------------------------|---------------------------|---------------------------|---------------------------|
| Classroom/Lecture/Discussion |                           |                           |                           |                           |
| Simulation/Lab               | 48                        |                           |                           |                           |
| Praxis Exercise              |                           |                           |                           |                           |
| Practicum/Fieldwork          |                           |                           |                           |                           |
| Online                       |                           |                           |                           |                           |
| Correspondence               |                           |                           |                           |                           |
| <b>Total Class Hours</b>     | 48                        |                           |                           |                           |

**Comments on Delivery Methods:**

Learners receive 48 hours of practical, hands-on instruction, following which there are over 9 hours of practical skills evaluation.

**Course Grading System:**

|   |                     |  |                 |  |           |
|---|---------------------|--|-----------------|--|-----------|
| X | Letter Grades       |  | Percentage      |  | Pass/Fail |
|   | Complete/Incomplete |  | Attendance Only |  |           |

|                       |     |
|-----------------------|-----|
| <b>Passing Grade:</b> | 75% |
|-----------------------|-----|

**Evaluation Activities and Weighting:**

|              |   |             |      |               |   |                  |      |
|--------------|---|-------------|------|---------------|---|------------------|------|
| Final Exam   | % | Assignments | %    | Project       | % | Capstone Project | %    |
| Midterm Exam | % | Portfolio   | %    | Participation | % | Other            | %    |
| Quizzes/Test | % | Simulations | 100% | Practicum     | % | TOTAL            | 100% |

**Comments on Evaluation Activities and Weighting:**

This course meets International Fire Service Accreditation Congress (IFSAC) and National Board on Fire Service Professional Qualifications (Pro Board) criteria for accreditation.

Learners will demonstrate competence in applied skills using a combination of situation-based scenarios and skill stations in the following 5 areas:

1. Communication Evaluation
2. Passport Accountability System Evaluations
3. Riding in an Apparatus Evaluation
4. PPE & SCBA Evaluations
5. Fire Hose Evaluations

Learners must achieve a minimum of 75% on all 5 performance checklists in order to demonstrate that they are competent to safely move on to the next-level course.

**Other Course Guidelines, Procedures and Comments:**

View official versions of related JIBC academic regulations and student policies in the *JIBC Calendar* on the following pages of the JIBC website:

**Academic Regulations:**

<http://www.jibc.ca/programs-courses/jibc-calendar/academic-regulations>

Student Academic Integrity Policy  
 Academic Progression Policy  
 Admissions Policy  
 Academic Appeals Policy  
 Evaluation Policy  
 Grading Policy

**Student Policies:**

<http://www.jibc.ca/about-jibc/governance/policies>

Access Policy  
 Harassment Policy – Students  
 Student Records Policy  
 Student Code of Conduct Policy

**JIBC Core Competencies**

The JIBC promotes the development of core and specialized competencies in its programs. Graduates of our programs will demonstrate high levels of competence in the following areas:

**Critical thinking**

Identify and examine issues and ideas; analyze and evaluate options in a variety of fields with differing assumptions, contents and methods.

**Communication, oral and written**

Demonstrate effective communication skills by selecting the appropriate style, language and form of communication suitable for different audiences and mediums.

**Leadership**

Inspire individuals and teams to reach their potential by embracing innovation through strategic thinking and shared responsibility.

**Independent learning**

Show initiative by acting independently in choosing effective, efficient and appropriate applied learning, research and problem solving strategies.

**Globally-Minded**

Self-aware of own identity and culture, recognize the interconnectedness of world events and issues; interact respectfully and authentically across cultures; value multiple perspectives; utilize curiosity to learn with and from others.

**Problem solving**

State problems clearly; effectively and efficiently evaluate alternative solutions; choose solutions that maximize positive and minimize negative outcomes.

**Interpersonal relations**

Know and manage ourselves; recognize and acknowledge the needs and emotions of others including those with diverse cultures, backgrounds and capabilities.

**Inter-professional teamwork**

Understand and work productively within and between groups, respect others' perspectives and provide constructive feedback with special attention to inter-professional relationships.

**Information literacy**

Recognize and analyze the extent and nature of an information need; efficiently locate and retrieve information; evaluate it and its sources critically, and use information effectively and ethically.