

Justice Institute of British Columbia COURSE OUTLINE

Course Code: FSSK125

Course Title: Advanced Fire Fighter Skills

Prerequisite Courses:

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

School: School of Public Safety & Security

Division/Academy/Centre: Fire & Safety Division

Previous Course Code & Title: N/A

Course First Offered: 2015

# of Credits:	2.5
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Course Description: Apply the skills acquired in prior courses and build on them by learning more advanced fire suppression and rescue techniques. Use these skills in emergency scene simulations to conduct rescues and stabilize incident scenes. Explore a variety of tools and tactics to suppress structural fires, extinguish flammable gas fires and protect fire scene evidence.

Course Goal(s): Learners develop the skills to meet the job performance requirements (JPR) of 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 a mayday call, perform self-rescue and rescue a downed Fire Fighter in fire conditions.
2. Turn off building utilities.
3. Perform positive pressure ventilation of a structure.
4. Identify and retrieve various types of rescue tools, establish public barriers and assist rescue teams as a member when assigned.
5. Extricate a victim entrapped in a motor vehicle.
6. Control a flammable gas cylinder fire.
7. Coordinate an interior attack line for structural fire suppression.
8. Conserve property during fire suppression activities.
9. Protect evidence of fire cause and origin.

Course Topics/Content:

- Fire Fighter Survival
- Ventilation
- Technical Rescue Awareness
- Vehicle Rescue
- Loss Control
- Fire Suppression
- Fire Cause

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 (Hours)	Class Option B (Hours)	Class Option C (Hours)	Class Option D (Hours)
Classroom/Lecture/Discussion				
Simulation/Lab	42			
Praxis Exercise				
Practicum/Fieldwork				
Online				
Correspondence				
Total Class Hours	42			

Comments on Delivery Methods:

Learners receive 42 hours of practical, hands-on instruction, following which there are over 18 hours of practical skills evaluation.

Course Grading System:

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

Passing Grade:	75%
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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.

The course consists of 42 hours of instruction time and an additional 12 hours of evaluation time as the learners demonstrate competence in 4 areas of practical application:

1. PPV Fire Attack Evaluation
2. Communications Evaluation
3. Loss Control Evaluation
4. Vehicle Rescue Evaluation

Learners must achieve a minimum of 75% on all 4 performance checklists/evaluations.

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.