

**Justice Institute of British Columbia**  
**COURSE OUTLINE**

<b>Course Code:</b>	FSS410
<b>Course Title:</b>	Risk Management in the Fire Service
<b>Prerequisite Courses:</b>	FSS315 Community Fire Protection; FSS340 Statistical Foundations for Decision making in the Fire Service
<b>School:</b>	School of Public Safety & Security
<b>Division/Academy/Centre:</b>	Fire & Safety Division
<b>Previous Course Code &amp; Title:</b>	N/A
<b>Course First Offered:</b>	2008

<b># of Credits:</b>	<b>3.0</b>
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**Course Description:**

Students will be provided the knowledge and skill required to become the leaders of effective risk management programs and practices within their fire organization. This includes the incorporating of risk considerations into organizational decision making. Students will begin by examining methods and techniques for systematically identifying and analyzing risk, and then formulate strategies to effectively manage current and future risks. Students will also explore measures to gauge the effectiveness of risk management polices and processes that have been implemented.

**Course Goal(s):** Students will obtain an understanding of the Risk Management model and develop a tool box filled with risk management tools that will allow them to be a leader in their organizations efforts to have a plan for every risk they face.

**Learning Outcomes:**

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

- Conduct a risk assessment that identifies sources of risk in their organization
- Analyze and evaluate risks to communicate their potential impact on the organization
- Develop sound defensible strategies to manage risks facing the organization
- Analysis and communicate the effectiveness of current risk treatments.
- Use of the Risk Management model

Will have:

- Tools to communicate the effect risks could have on their organization.
- Risk management tools and options with which they can help their organization provide a wide range of services and products in a manner that balances the organization's tolerable level of risk and the benefits that are derived.

**Course Topics/Content:**

- Risk, Liability and Negligence

- Organizational Risk Management
- Risk Control and Risk Management Systems
- The Process of Risk Management
- Legal Responsibility
- Training as Risk Control
- Pre-Emergency Risk Management
- Managing Risk in Emergency Incidents
- Incident Management Systems also Manage Risk
- Making it Happen

**Text and Resource Materials:**

**Required:**

- Kipp, Jonathan D., Loflin, Murrey E. (1996). *Emergency incident risk management*. New York, NY: John Wiley & Sons, Inc.
- JIBC Fire & Safety Division (1999). *Risk management for the fire service*. JIBC. (PDF provided in course)

**Recommended:**

**Course Level:**

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

**Equivalent Course(s) within the JIBC:**

**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				
Practicum/Fieldwork				
Online	42			
Correspondence				
<b>Total Class Hours</b>	42			

**Comments on Delivery Methods:**

**Course Grading System:**

	Letter Grades	X	Percentage		Pass/Fail
	Complete/Incomplete		Attendance Only		
<b>Passing Grade:</b>		50%			

**Evaluation Activities and Weighting:**

Final Exam	%	Assignments	60%	Project	%	Capstone Project	%
Midterm Exam	%	Portfolio	%	Participation	20%	Other	20%
Quizzes/Test	%	Simulations	%	Practicum	%	TOTAL	100%

**Comments on Evaluation Activities and Weighting:**

**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/programs-courses/jibc-calendar/student-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.

**Problem solving**

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

**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.

**Interpersonal relations**

Know and manage oneself; recognize and acknowledge the needs and emotions of others including those with diverse 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.