



FIRE & SAFETY
Division



FIRE & SAFETY
Division

Course Calendar 2008



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General Information





Fire & Safety Division

The Justice Institute of British Columbia (JIBC) Fire & Safety Division delivers programs and courses from two locations; the New Westminster Campus and the Maple Ridge Campus. Please see maps on the following page.

The New Westminster Campus focuses on educating department personnel through fire officer certification, instructor and inspector training, as well as the Fire Service Leadership Diploma and Bachelors of Fire and Safety Studies and customized courses.

The Maple Ridge Campus delivers a wide range of courses and programs, from basic structural, marine and industrial fire fighting and pre-employment fire fighter training to hazardous materials courses and specialized programs developed to meet client needs. Courses focus on hands-on training combined with classroom theory. Small class sizes ensure everyone participates in the learning process.

The Maple Ridge Campus is located 58 kilometres east of Vancouver. It includes training areas and props designed for a wide range of scenarios, such as the eleven-railcar derailment configuration, tower crane, extinguisher training, live fire, hazardous materials response props, and confined space rescue.

Location and Contact Information

Fire & Safety Division
New Westminster Campus
715 McBride Boulevard
New Westminster, BC V3L 5T4
Tel: 604-528-5657
Toll Free: 888-214-3177
Fax: 604-528-5660
E-mail: fsd-newwest@jibc.ca

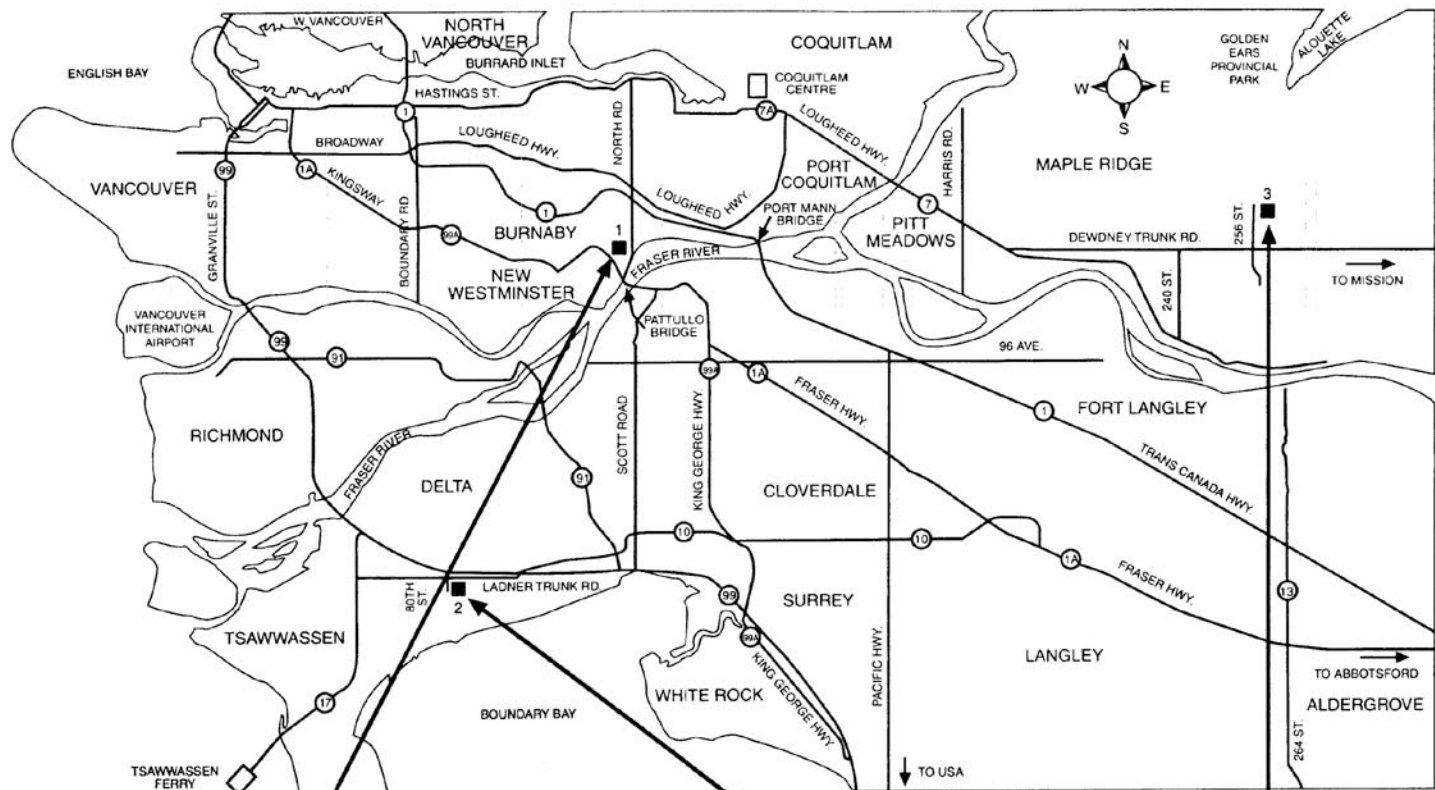
Fire & Safety Division
Maple Ridge Campus
13500 - 256th Street
Maple Ridge, BC V4R 1C9
Tel: 604-462-1000
Toll Free: 888-844-0445
Fax: 604-462-9149
E-mail: fsd-mapleridge@jibc.ca



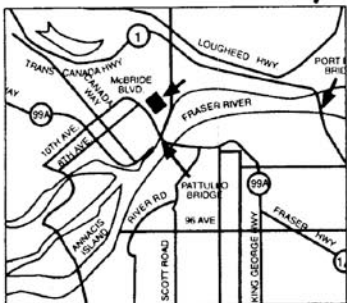
General Information

Directions to: Maple Ridge

- Take the Lougheed Highway (No. 7) to Maple Ridge
- As you enter Maple Ridge turn left on Dewdney Trunk Road
- Turn left on 256th St
- The Site is approx. 3 km, on the right



1. JUSTICE INSTITUTE Main Campus



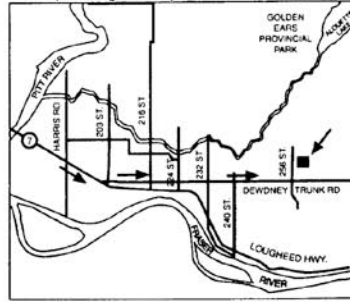
715 McBride Blvd.
New Westminster
BC V3L 5T4
Telephone:
(604) 525-5422
Facsimile:
(604) 528-5653

2. JUSTICE INSTITUTE
Pacific Traffic Education Centre



Boundary Bay
Airport
Telephone:
(604) 528-5805
Facsimile:
(604) 525-5806

3. JUSTICE INSTITUTE
Maple Ridge Campus



13500 -
256th Street
Maple Ridge
BC V4R 1C9
Telephone:
(604) 462-1000
Facsimile:
(604) 462-9149



The Justice Institute of British Columbia

The Justice Institute of British Columbia is a dynamic, post-secondary learning organization recognized nationally and internationally for continuous improvement and innovative education. Our unique provincial mandate encompasses education and training in the areas of criminal and social justice, public safety and social services making British Columbia's communities safer places to live. Each year the JIBC's distinctive educational co-op model attracts more than 40,000 students from across Canada and throughout the world.

More than 1,500 courses, seminars and conferences are offered in residence at JIBC campuses, in communities around the province, at employers' preferred locations, and online through the "virtual" JIBC. Customized courses and services are also offered for government and industry.

Our academies and divisions reflect the following areas of expertise:

- Aboriginal Programs and Services
- Centre for Conflict Resolution & Centre for Leadership
- Child, Family and Community Safety Division
- Corrections and Community Justice Division
- Courts Academy
- Emergency Management Division
- Fire & Safety Division
- Pacific Traffic Education Centre
- Paramedic Academy
- Police Academy

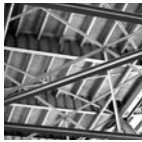
Local and International Clientele

The JIBC has earned an international reputation for professional standards and adaptability and for its state-of-the-art equipment and facilities. Our students are local and global, as clients from around the world look to us for education, training and consulting services. Countries such as Hong Kong, the Philippines, Saudi Arabia, Singapore, South Africa, United Arab Emirates, and the United States have called on our staff and instructors' expertise to educate, consult and evaluate their services.

For more information on our programs and services, visit www.jibc.ca or call 604-525-5422.

JIBC Telephone Directory

Aboriginal Programs and Services	604-528-5608
Centre for Conflict Resolution and Centre for Leadership	604-528-5608 or toll free 1-888-799-0801
Centre for Exercise Design & Simulation	604-528-5570
Child, Family and Community Safety Division	604-528-5608 or toll free 1-888-799-4085
Corrections and Community Justice Division	604-528-5690 or toll free 1-866-722-5690
Courts Academy	604-528-5567 or toll free 1-877-275-4337
Emergency Management Division	604-528-5790 or toll free 1-888-251-5230
External Relations and Development	604-528-5506
Finance and Administration	604-528-5502
Fire & Safety Division	604-528-5657 or toll free 1-888-214-3177
Human Resources	604-528-5508



General Information

Library	604-528-5599
Main Reception	604-525-5422 or toll free 1-888-865-7764
Pacific Traffic Education Centre	604-528-5805
Paramedic Academy	604-528-5690 or toll free 1-866-722-5690
Police Academy	604-528-5753 or toll free 1-888-661-9923
President's Office	604-528-5502
Registration	604-528-5590 or toll free 1-877-528-5591
Store	604-528-5870
Student Services	604-528-5588 or toll free 1-877-528-5591

JIBC Campus Contact Information

New Westminster Campus

715 McBride Blvd.
New Westminster, BC
V3L 5T4
Tel: 604-525-5422 or toll free 1-888-214-3177
Fax: 604-528-5518

Okanagan Campus

825 Walrod St
Kelowna, BC
V1Y 2S4
Tel: 250-469-6020

Victoria Campus

Suite 101- 910 Government St.
Victoria BC
V8W 1X3
Tel: 250-405-3500
Fax: 250-405-3505

Maple Ridge Campus

13500-256 Street
Maple Ridge, BC
V4R 1C9
Tel: 604-462-1000 or toll free 1-888-844-0445
Fax: 604-462-9149

Vancouver Downtown Campus

18th floor 400 Burrard St
Vancouver, BC
V6C 3A6
Tel: 604-528-5590
Fax: 604-528-5653



How to Use This Calendar

The Fire & Safety Division offers programs and courses to a wide variety of clients. For ease of use, we have divided this calendar into four main sections: General Information, Programs, Courses, and Indexes. The Programs and Courses sections are categorized by organizational headings. For a complete alphabetical listing of ALL of our courses please see the index starting on page 65. We have further categorized the Programs and Courses listings into three types based on the client market served: general public, fire service, and industry/marine. Not all courses offered are available to each category. Beside the course/program listing, we have used icons to designate each category. The icons used are as follows:

Course Location Flexibility



General Public



Fire Service



Industry/Marine

Courses can be delivered on site or at a clients' location if there is an appropriate number of students.

Services Offered

Contract Courses

In addition to the wide range of courses and programs listed in this calendar, the Fire & Safety Division offers customized and site-specific courses. We can adapt existing courses or design new courses to meet client needs. All custom courses are designed in consultation with the client and reference any and all relevant standards or needs. Courses can be presented at the client's facility on a contract basis.

For further information on contract courses, contact the Fire & Safety Division, Maple Ridge Campus at 604-462-1000 or the New Westminster Campus at 604-528-5657.

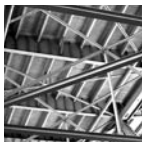
Regional Training Weekends

The Fire & Safety Division is committed to the provision of high-quality emergency response training throughout the province. One way to encourage participation in training through the delivery of Regional Training Weekends.

Regional Training Weekends are used to provide geographically specific training. This is achieved through the use of a Host Fire Department concept. A Host Fire Department assists with the organizational services involved in a training weekend.

If you wish to host a Regional Training Weekend, or need more information please contact:

Regional Training Coordinator
Fire & Safety Division – Maple Ridge Campus
13500 - 256th Street
Maple Ridge, BC. V4R 1C9
Phone: 604-462-1000
Fax: 604-462-9149



General Information

Fire & Safety Division Executive Programs

The Justice Institute of British Columbia's Fire & Safety Division is one of the top training organizations in North America in the emergency response field. Our programs have a huge impact – they help you to save lives. The Fire & Safety Division's executive programs are developed specifically for fire chiefs and the highest level senior managers – the leaders of organizational change. These programs will help improve working relationships, enhance organizational and personal effectiveness, and create better outcomes for individuals, the organizations they work with, and the communities they serve. Join us and you'll understand the potential for impact.

For more information please contact:
Coordinator Executive Programs
Phone: 604-462-1000

Flexible Delivery

Many Fire & Safety Division courses are offered in the distance learning format. They are identified as such in the course descriptions in this calendar. This method allows students to work at their own pace within the structure of a three month semester. Distance education courses are available through correspondence and via the internet.

Training Materials for Purchase

The Fire & Safety Division offers a range of materials that support our programs.



The Fire & Safety Division is the authorized IFSTA/Fire Protection Publications and Jones and Bartlett distributor for the province of British Columbia. In addition we also offer our own publications. The Fire & Safety Division offers IFSTA's and Jones and Bartlett's complete line of publications and related training materials. These materials support a wide range of training topics for fire, safety, industrial and medical users.

Purchasing Materials

If you are interested in purchasing IFSTA, Jones and Bartlett materials or Fire & Safety Division Publications, please contact the Fire & Safety Division at 604-528-5657 or see the IFSTA order form at the back of this calendar. In addition, all textbooks required for the Fire Officer Program can be ordered on our web site at: www.jibc.ca/fire and click on "forms"

There is a 5% discount for prepaid orders.

Fire & Safety Division Publications

Risk Management for the Fire Service, 2nd Edition. ISBN 0-7726-3985-X, 58 pages, Price \$25.00 plus gst. This publication explores the legal aspects of liability and focuses on issues in the fire service and ways of preventing exposure to potential lawsuits.

Health and Fitness in the Fire Service. By James B. Carter Phd. ISBN 0-7726-5115-9, 61 pages, Price \$25.00 plus gst. This publication is a guide for fire fighters who wish to attain and maintain a high level of fitness.



The JIBC Library is located at the New Westminster campus. Library and information services are provided to members of all BC fire departments, and, to students enrolled in JIBC programs. In addition to mail and in-person, many services and resources are accessible online or via e-mail. If you have specific requests for information, contact the Library directly. The Library collection includes videos, DVDs, books and magazines on public safety and justice topics.

Some topics include:

- Training
- Apparatus and Equipment
- Management
- Disasters and Hazardous Materials
- Fire Behaviour
- Fire Prevention and Suppression
- Smoke and Ventilation
- Rescue and First Aid
- Fire Investigation
- Marine Safety and Fire Fighting

Individuals registered in JIBC courses are also eligible for a User ID & Password to access licensed online resources such as full-text journal article databases and the BC Fire Code & BC Building Code.

The monthly newsletter, Library News, listing new books and audiovisual materials, is sent to all fire departments, and is also available on the library web page. In addition, individuals may choose to sign-up to receive the newsletter via e-mail.

The Library is open from 8 a.m. to 5 p.m. on weekdays and 9 a.m. to 4 p.m. on Saturdays (September to June).

For further information contact the Library at:

Phone: 604-528-5599

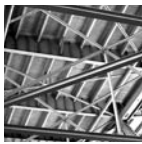
Fax: 604-528-5593

E-mail: library@jibc.ca

Web: www.jibc.ca/library

Justice Institute Store

Located at the JIBC's main campus in New Westminster, the JIBC Store is a retail outlet managed to support and promote the work of the JIBC and its clients. The store offers an ever-expanding array of crested clothing, student supplies, JIBC publications, specialty equipment related to the JIBC's work, and gifts selected to ensure the JIBC's reputation for quality is represented through its merchandise. Open weekdays 9:30 a.m. to 4:00 p.m. or e-mail: jibcstore@jibc.ca or visit the store on-line at www.jibc.ca.



General Information

Student Information

If you are taking courses at the Maple Ridge Campus the following is important for you to note.

Clothing: Please check specific clothing requirements when registering for a course. General guidelines include:

- Some courses require coveralls/work clothes and/or long sleeve T-shirts (natural fibers, no synthetics).
- You may also require a complete change of clothes.
- If required, full protective clothing will be assigned for the duration of the course.
- You are required to wear full leg and arm coverings (natural fibers, no synthetics) under turnout gear.
- *No shorts or tank tops permitted.*

Beards: Most of our courses use self-contained breathing apparatus (SCBA). Your face must be clean-shaven where the SCBA mask fits. Moustaches are permitted only if they do not affect the seal of the SCBA face piece. This is a requirement of the National Fire Protection Association, Canadian Standards Association, WorkSafeBC and Transport Canada, Marine Safety.

Eye Wear: Prescription safety glasses may be worn with SCBA if they are in an approved holder that does not affect the seal of the SCBA.

Clean Up: Showers and soap are provided. Please bring your own towel.

Lunch: There is no cafeteria at our Maple Ridge Campus. Unless otherwise notified, please bring a lunch.

Parking: Parking is available at no charge. Follow the signs.

Accommodation: Many motels in the area offer discounts to students. Mention your student status when booking rooms. For information on accommodation in the area visit our website at www.jibc.bc.ca and click on “student services” or call the Maple Ridge Chamber of Commerce at 604-463-3366.

*Student discounts are available at hotels in the area. Please check when registering for courses.

Course Schedule and Fee Information

For current schedule and fee information contact the Registration Office at 604-528-5590 or 1-877-528-5591 or the Fire & Safety Division website: www.jibc.ca/fire.



Fee Structure for Clients

Students enrolled in Fire & Safety Division programs are responsible for their travel, meals and accommodation* costs.

Fees:

• Certificate Fee (Program Completion, BC Fire Fighter)	\$30.00
• Certificate Fee (Fire Service Instructor I & II Host Department Only)	\$75.00
• Replacement of Certificate	\$25.00
• Name Change on Certificate	\$25.00
• Prior Learning Assessment Review (PLAR)	\$95.00 per course*
• Photocopy of Certificate	\$10.00
• Fire Fighter Module Exam Fee	\$5.00
• Fire Fighter Practical Evaluation Fee	\$5.00
• Basic Fire Fighting Certificate Subject Fee	\$15.00

All fees are subject to change.

**up to a maximum of \$500*

Registration

BY MAIL:	Justice Institute of British Columbia 715 McBride Boulevard, New Westminster, BC V3L 5T4 Attn: Registration Office
BY PHONE:	604-528-5590; Toll Free: 1-877-528-5591 (8:30 am – 4:00 pm, Monday to Friday)
BY FAX:	604-528-5653
IN PERSON:	Office Hours 8:00 am – 4:30 pm, Monday to Friday

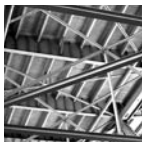
Register Early:

Many courses fill quickly, so register early to avoid disappointment. Registrations are accepted on a first-come, first-served basis. Please specify classroom or distance education format. *Registration cannot be completed until we receive full payment for the course(s).* No post-dated cheques will be accepted.

NOTE: For late registration we can not guarantee the delivery of course materials in advance of the course start date.

Learner Services Fee

As part of a commitment to improving the quality of services for our students, the JIBC is charging a learner services fee of \$5.00 per course credit. The fee will be applied to credit courses only and will be collected at the time of enrollment. The fee will be tax deductible and will be refundable when a student withdraws before the class withdrawal deadline. The learner services fee will be used to enhance library, technology and other services for the benefit of students at all JIBC locations.



General Information

Tax Deduction:

T22202A forms for tax purposes are provided to all students who pay personally for their courses. Tuition fees over \$100 cumulatively from the same institution are tax deductible. Income tax receipts will be issued in February for previous year courses.

Refunds/ Transfers/Withdrawals:

Registration fees are refundable provided there is sufficient notification of cancellation. Required withdrawal or transfer notice varies from 7 to 30 days depending on the course. Please confirm the transfer/withdrawal policy with registration staff when registering for a course.

Refunds are subject to an administrative charge of \$25.00 with the exception of the **Career Fire Fighter Pre-employment Certificate Program** which requires a \$500.00 non-refundable deposit and has a pro-rated administrative fee schedule for withdrawals. Textbook fees are non-refundable.

Substitutions:

Course substitutions are welcome as long as the substituting participant has completed the course prerequisites. The substituting participant must communicate this to the Registration Office.

NSF Cheques:

A fee of \$15.00 applies to all cheques returned "NSF" (Non-sufficient funds).

Course Cancellations:

A full refund of tuition fees will be issued for courses cancelled by the Justice Institute of British Columbia. The Institute is not responsible for participants' expenses (e.g. airline or hotel reservations) if a course is cancelled. The Institute reserves the right to cancel courses. We regret any inconvenience this may cause.

Confirmation of Registration:

Confirmation of registration is sent to students by mail. We are unable to confirm registration by fax. If you have questions regarding your confirmation, please contact a registration representative by telephone at 604-528-5590. E-mail: registration@jibc.ca.

Students with Disabilities:

The JIBC has received funds from the Ministry of Advanced Education to provide support to students with disabilities attending courses at the Justice Institute of British Columbia. For further information on support available, please contact a Registration Services Advisor at 604-528-5588.

Aboriginal Students:

The Aboriginal Program Coordinator is available to provide information to First Nations students. To speak with the coordinator or to obtain a brochure on Aboriginal Services, please call 604-528-5522.



Student Loans:

The Career Fire Fighter Pre-employment Certificate Program is eligible for student loans. Application forms are available from Registration Services Advisor at 604-528-5588 or 1-877-528-5591.

Bursaries:

Jocelyn Roberts Memorial Bursary for Fire Fighters – Applications are welcomed from career or volunteer fire fighters who are Canadian citizens or permanent residents enrolled in the Fire and Safety Studies Diploma program, Fire Services Leadership Diploma or the Bachelor of Fire and Safety Studies Degree Program. Up to 2 awards of \$2,500 each will be available annually for applicants who are enrolling in the next semester of one of the above programs. As well as the basic eligibility criteria, candidates must demonstrate: financial need, community involvement, leadership qualities and aspirations to advance the fire fighting profession, and academic merit indicated by successfully completing prior courses in the program. In addition to completing a standard bursary application form, candidates must submit a letter outlining how they meet these criteria and a letter of reference from a senior fire officer in Canada.

Students in programs of 10 credits or more may be eligible to apply for JIBC bursaries. Bursary applications can be downloaded from www.jibc.ca/student-services/aid_bursaries.htm

Transcripts:

For transcripts of student records please contact the Registrar's office at 604-528-5590 or toll free 1-877-528-5591.

Please note that all tuition, material and administrative fees are subject to change. For the most current information visit our website at www.jibc.ca or call the registration office at 604-528-5590. E-mail: registration@jibc.ca

Prior Learning Assessment Recognition (PLAR):

Prior Learning Assessment is an assessment to determine if what has been learned outside the course or program is equivalent to the expected learning outcomes in the course or program. For more information please see our web site www.jibc.ca/fire or contact the Fire & Safety Division at 604-528-5657 or toll free 1-888-214-3177.

Programs



Bachelor of Fire and Safety Studies



Your Career

There is a growing demand for more professionalism in the fire service. Advertised vacancies for fire service personnel increasingly include the requirement for advanced credentials. The Bachelor of Fire and Safety Studies will assist you, as a member of the fire service, achieve your career and educational goals while supporting the broader goal of enhanced community safety. This degree embodies the transition from the view of the fire service as an “occupation” to a true “profession”.

The degree develops your technical, managerial, and administrative competencies so that you will be able to function as an effective manager in the fire service – and beyond. It has been developed with you – the adult learner – in mind to help you pursue your education at your own pace, while you continue to work full time.

The Bachelor of Fire & Safety Studies incorporates the Fire Service Leadership Diploma so after receiving the Diploma students can complete another 63 additional credits to receive the Bachelor Degree. To apply for the Fire Service Leadership Diploma, students must complete and submit an application for the Bachelor of Fire & Safety Studies. The admission requirements are the same for both the Diploma and Bachelor degree so please refer to p.19 (check page) in this course calendar for more information.

Program outcomes

Building on and incorporating the Fire Service Leadership Diploma Program the Bachelor of Fire and Safety Studies Degree is completed by 63 additional credits in designated subject areas to meet British Columbia Ministry of Advanced Education degree quality standards. The program expands the learner’s knowledge, skills, and awareness in the areas of fire service management, administration, and fire and safety technical proficiency. Through courses offered jointly by the Justice Institute of British Columbia and the University of Victoria’s School of Public Administration, the program prepares students to undertake roles in public administration as well as senior roles within the fire service.

The Bachelor of Fire and Safety Studies Degree concentrates on meeting the educational needs of the fire service by providing students with a well-rounded education based on the following principles:

- Development of increased depth and breadth of knowledge within and outside the area of specialty
- Development of critical thinking, reading, and writing skills
- Development of sensitivity to diversity as required by today’s global citizens
- Development of insights into ways of influencing communities through the study of the economic, socio-historical, and cultural contexts of fire service

Throughout the program, students are challenged to:

- Think critically and with creativity
- Work collaboratively and ethically
- Communicate effectively, orally and in writing
- Find, interpret, evaluate, synthesize, and present qualitative and quantitative information
- Develop and defend positions
- Make informed judgments and decisions





The higher levels of the program demand that students use more complex thought processes. Learners must synthesize information to develop, implement, and evaluate significant fire service initiatives as well as analyze and apply theories and concepts at the organization and community levels.

Admission

To apply for admission into the Bachelor of Fire and Safety Studies Degree:

- Complete the Application for Admission form, available from the Registration Office or from our website.
- Submit the application form along with supporting documentation and the application fee to the Registration Office.

Minimum requirements for admission:

- High School Graduation and
- Grade 11 Mathematics – minimum grade of “C” and
- Grade 12 English – minimum grade of “C” and
- Completion of the firefighter certification program or its equivalent. This normally reflects certification to the NFPA 1001 Standard Levels I & II.

Additional credentials deemed helpful in successfully completing the program include recent active service as a member of a fire department.

Before acceptance into the program, applicants may be required to participate in an interview (by telephone or in person) with the Director of the Fire & Safety Division or designate, and will be required to demonstrate competence in key areas through approved credit transfer, challenge exams, prior course work, or other formal prior learning assessment methods. In some cases, foundational coursework may be required or recommended prior to admission.

Students in this program are eligible for the Jocelyn Roberts Memorial Bursary. Please see page 15 for detailed information

Credit Transfer & Prior Learning Assessment Recognition (PLAR)

Credit Transfer

Foundation courses successfully completed from other post secondary institutions will be eligible for credit transfer to the Degree Program. See Foundation Courses.

Prior Learning Assessment Recognition

The Justice Institute of British Columbia, committed to meeting the needs it's students, recognizes that many people may attain significant learning from training and/or work experiences outside the post-secondary system and that reliable prior learning assessment can be beneficial to these students. The JIBC supports opportunities for flexible assessment, transfer and articulation, which is consistent with student needs, JIBC policies, acceptable to the employers and developed in a manner consistent with established criteria in the post secondary system.

Fire Service Leadership Diploma Students and Graduates

In keeping with the Justice Institute's policy of integrated learning and credentialing, the Bachelor of Fire & Safety Studies Program recognizes the full 60 credits earned through the Fire Service Leadership Diploma Program. See the list on the following page for a complete list of credits earned through the Diploma Program and remaining courses required.

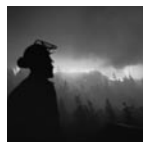


The Justice Institute of British Columbia has teamed with the University of Victoria's highly regarded School of Public Administration to deliver part of the third and fourth year of the Degree Program. Please note that registration for all courses in the Bachelor of Fire & Safety Studies Program is to be processed through the JIBC's Registration Office.

Courses

Courses	Fire Service Leadership Diploma Graduates		
	Credits	Credit/ courses Transferred	Credit/ courses Required
LIBERAL STUDIES FOUNDATIONAL COURSES <i>(Recommended for Year 1 but may be taken in a different sequence)</i>			
FSS100 Communication Skills or equivalent	3	✓	
Math 100 or equivalent	3		✓
Computer Applications 100 or equivalent	3		✓
CR225 Theoretical and Applied Perspectives on Conflict Resolution or equivalent	3		✓
OTHER LIBERAL STUDIES COURSES <i>(Recommended for Years 1 and 2 but may be taken in a different sequence)</i>			
Choose one course from each of the following groups:			
• Sociology 100/Psychology 100 or equivalent	3		✓
• Physics 100/Chemistry 100 or equivalent	3	✓	
<i>plus</i>			
• 9 credits from any approved second- or third-year liberal studies courses, including approved JIBC justice and human services courses	9	✓ (3 credits)	✓ (6 credits)
FIRE AND SAFETY CORE COURSES . YEAR 1			
FSS110: Fire Service Supervision	3	✓	
FSS120: Fire Service Operations	3	✓	
FSS130: Fire Service Administration	3	✓	
FSS140: Effective Presentations and Instructional Techniques	3	✓	
FSS170: Emergency Scene Management I	3	✓	





Programs

		Fire Service Leadership Diploma Graduates	
	Credits	Credit/ courses Transferred	Credit/ courses Required
FSS210 Communicating with Community and Government	3		✓
FSS220 Managing Change in the Fire Service	3	✓	
FSS230: Essentials of Project Management in the Fire Service	3		✓
FSS240: Statistical Foundations for Decision Making in the Fire Service	3	✓	
FSS250: Fire Service Law	3	✓	
FSS270: Emergency Scene Management II	3	✓	
Electives (Choose two of the following to earn six credits)			
FS129: Hazardous Materials Emergency Response Technician	3		6 Credits
FSS280: Fire Inspector I	3		
FSS281: Fire Plan Examiner	3		
FSS282: Building Construction: Issues in Fire Safety	3		
<i>(Students may choose to exit at this point with a Diploma in Fire and Safety Studies)</i>			
FIRE AND SAFETY CORE COURSES . YEAR 3			
FSS310: The Fire Service and Local Government	3	✓	✓
FSS315: Community Fire Protection	3		
FSS320: Maximizing Human Resources in the Fire Service	3	✓	
FSS330: Financial Management	3	✓	
FSS335: Strategic Planning for the Fire Service	3	✓	
FSS370: Emergency Scene Management III	3	✓	
Electives (Choose two of the following to earn six credits)			
FSS312: Public Sector and Non-Profit Management (UVic312)	3		3 Credits
FSS314: Public Sector Research and Analysis (UVic314)	3		
FSS380: Fire Inspector II	3		
FSS381: Fire Related Human Behaviour	3		
FSS390: Labour Management in the Fire Service	3	✓	





	Credits	Fire Service Leadership Diploma Graduates	
		Credit/ courses Transferred	Credit/ courses Required
FSS407 Managing Service Delivery (UVic 407)	3		✓
FSS410 Risk Management in the Fire Service	3		✓
FSS420: Public Policy Process (UVic420)	3		✓
FSS422: Ethical Public Management (UVic422)	3		✓
FSS430: Managing Information and Technology in the Fire Service	3		✓
FSS437: Public Sector Program Evaluation and Performance Measurement (UVic437)	3		✓
FSS499: Capstone Project	6	✓	
Electives (Choose three of the following to earn nine credits)			
FSS480: Emergency Planning for the Fire Service	3		9 Credits
FSS481: Communicating in Crisis	3		
FSS482: Managerial Issues in Chemical, Biological, Radiological and Nuclear Incidents	3		
FSS483: Fire Protection Design and Evaluation	3		
FSS484: The Contexts of Fire Service Governance	3		
Total Credits	123	60	63

Basic Fire Fighting Certificate



The Basic Fire Fighting Certificate provides you, as a member of a volunteer or composite fire department in BC, with the basic training you need in order to serve your community. Some departments require this certificate for all new members.

Program Outcome

Earning the Basic Fire Fighting Certificate demonstrates that you have an understanding of nine essential subject areas considered to be essential skills for all fire fighters.

Application and Registration

The program is open to Fire Service personnel only. Prerequisites are based on fire department criteria.

To register members, please obtain a registration form from the Fire & Safety Division or from the website at www.jibc.ca/fire, and fax or mail the completed form to the Fire & Safety Division, Maple Ridge Campus.

NOTE: For late registrations we can not guarantee the delivery of course materials in advance of the course start date.



Credential Issued

A certificate of achievement is issued upon successful completion of all examinations and evaluations administered by the Fire & Safety Division for subjects from the NFPA 1001 Standard. Training takes place using fire department resources or other self-directed method of learning.

Courses

REQUIRED EXAMINATIONS

BFFW011: Safety – Written
BFFW021: Fire Behaviour – Written
BFFW031: Personal Protective Equipment – Written
BFFW041: Ropes and Knots – Written
BFFW051: Ladders – Written
BFFW061: Rescue – Written
BFFW071: Ventilation – Written
BFFW081: Fire Hose, Appliances and Streams – Written
BFFW091: Water Supplies – Written

REQUIRED EVALUATIONS

BFFP011: Safety – Practical
BFFP031: Personal Protective Equipment – Practical
BFFP041: Ropes and Knots – Practical
BFFP051: Ladders – Practical
BFFP061: Rescue – Practical
BFFP071: Ventilation – Practical
BFFP081: Fire Hose, Appliances and Streams – Practical
BFFP091: Water Supplies – Practical

Fire Fighter Certification Program



The program is open to Fire Service personnel only. Prerequisites are based on fire department criteria.

To register members, please obtain a registration form from the Fire & Safety Division or from the website at www.jibc.ca/fire, and then fax or mail the completed form to the Fire & Safety Division, Maple Ridge Campus.

Credential Issued

Students receive a Fire Fighter I and/or Fire Fighter II certificate(s), to NFPA 1001 Standard upon successful completion of the required courses at the respective levels, as listed below.

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FIRE FIGHTER LEVEL I COURSES



BCM011: Organization, Safety and Communication I
 BCM021: Fire Behaviour, Extinguishers and Personal Protective Equipment I
 BCM031: Ropes, Knots, Ladders and Rescue I
 BCM041: Building, Ventilation and Forcible Entry I
 BCM051: Hose, Fire Streams and Water Supply I
 BCM061: Salvage, Overhaul and Fire Cause Determination I
 BCM071: Fire Prevention, Education and Sprinkler Systems – Written I
 BCM081: Fire Control I
 BCM091: Hazmat Awareness
 BCM101: Emergency Medical Care

FIRE FIGHTER LEVEL II COURSES

BCM013: Organization, Safety and Communication I & II
 BCM023: Fire Behaviour, Extinguishers and Personal Protective Equipment I & II
 BCM033: Ropes, Knots, Ladders and Rescue I & II
 BCM043: Building, Ventilation and Forcible Entry I & II
 BCM053: Hose, Fire Streams and Water Supply I & II
 BCM063: Salvage, Overhaul and Fire Cause Determination I & II
 BCM073: Fire Prevention, Education and Sprinkler Systems I & II
 BCM083: Fire Control I & II
 BCM091: Hazmat Awareness
 BCM093: Hazmat Operations
 BCM101: Emergency Medical Care
 FS210: Hazmat Operations

Prerequisites: Fire Department Criteria
Location: Site specific
Presentation: Fire Department Instructors or as arranged.
Certification: Fire Fighter I and/or Fire Fighter II certificates, to NFPA 1001 Standard
Recommended Text: Essentials of Fire Fighting, Fourth Edition
 For additional information on this program call 604-462-1000.

Evaluator Certification Workshop



FIRE 250

This course teaches students the skills and knowledge necessary to become an evaluator in the Fire Fighter Certification Program. Upon completion of this course, the student will be able to evaluate students in the Fire Fighter Certification Program and perform administrative duties according to Justice Institute and Fire & Safety Division policies.

Credits: 1.0
Prerequisites: Fire Service Instructor I, 5 years fire service experience including 2 years as a fire service trainer, completion of an online pre-examination and prerequisite validation, and approval by their home fire department.
Presentation: 2 days
Location: Maple Ridge or client site 604-462-1000
Certification: Certificate of Achievement



NFPA 1001 Challenge



FIRE 001

In response to many requests the Fire & Safety Division has created a challenge model for fire fighters who have relocated from another province or jurisdiction, have taken in-house training and not been evaluated, or who have been grand-fathered under previous initiatives. The concept of a challenge means that a student takes part in an evaluation without the benefit of having had training by that organization. The NFPA 1001 Challenge was developed as a challenge model for students that fit into one of the above captioned categories.

The challenge includes written exams covering all aspects of the NFPA 1001 Standard and a practical evaluation of the critical skills contained in the standard. It occurs over five (5) days and includes all written and practical evaluations of Fire Fighter I and Fire Fighter II.

Entrance Requirements: The challenge process is designed to evaluate the knowledge and skills of fire fighters who are, or have been in the service, and does not include training or coaching. To be eligible to participate in the challenge process, candidates must provide verification of fire fighter training by the fire chief or training officer from the department where the training was provided.

It must be clearly understood that this challenge is based on NFPA 1001 – 2002 Edition and does not result in certification or an equivalent to the Career Fire Fighter Pre-employment Certificate Program. For more information on the challenge please call the Maple Ridge Campus at 604-462-1000.

Credits:	None
Prerequisites:	Written verification of knowledge and skills
Presentation:	5 day – written and field examination
Location:	Maple Ridge Campus 604-462-1000
Certification:	Certificate of Achievement (IFSAC Accredited) Before the Certificate can be issued the student must provide Hazmat Awareness and Operations Levels certifications from an accredited program.
Course Date:	Maple Ridge – Mar 31 - Apr 4, Oct 20 - 24, 2008

Career Fire Fighter Pre-employment Certificate



Program Description

The program prepares individuals to apply for the position of Career Fire Fighter, although successful completion does not guarantee employment. As part of that preparation, the student will receive certification to National Fire Protection Association (NFPA) 1001 Standard Fire Fighter I and II, Hazardous Materials Response to the Operations Level, First Responder Level III with Automatic External Defibrillators and Spinal Management endorsement, and five additional certificates of achievement.

As a graduate of the program, the student will obtain 30 post-secondary credits. These credits may be submitted to other post-secondary institutions for consideration as partial credit towards their programs.

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Application and Registration

The application, screening, and admission process for the Career Fire Fighter Pre-employment Certificate takes place two or three times a year. Applicants must have all required qualifications for admission to the program. The required and preferred qualifications are described in the student information and admission package.

Applicants who provide all the necessary documentation of required and preferred qualifications will progress and will be interviewed for personal attributes expected of a fire fighter. The final stage of screening for those who successfully complete the interview is an extensive fire fighter medical exam and physical fitness assessment.

To apply for the program:

- Obtain a Student Information and Admission Package from the JIBC Registration Office or download the package from the Fire & Safety Division website at www.jibc.ca/fire. The package provides detailed information about the steps applicants need to take to be admitted into the program.
- Complete the application form and provide required documentation for the following:
 - High school graduation or equivalent.
 - Class 3, BC Drivers License with Airbrake Endorsement. A driving record that demonstrates responsible and safe driving behaviour. More than six points in the last three years will be considered excessive.
 - Current CPR (Level C) certification*.
- Medical Assessment*
- Physically fit for position of fire fighter*

* Medical and fitness assessments will be booked by the Fire & Safety Division, once an applicant has successfully passed the written exam. Recommended additional skills that increase your admission eligibility: Minimum of one year accumulated work experience after high school; preferably in work related to the needs of the Fire Service. Successful completion of a post-secondary education program. Ability to swim and related life saving certificates. Fire Service related courses.

Credential Issued

Upon successful completion of required courses and evaluations, the student will receive a program certificate in addition to certificates of achievement in specific topics.

Courses

Students will learn through theory, lectures, and practice drills, and will be examined on the following subjects, totaling 30 credits.





Programs

COURSE	CREDITS
Fire 160: Vehicle Rescue	1.0
Fire 161: Pumps and Pumping	2.0
Fire 162: Technical High Angle Rope Rescue Awareness	1.5
Fire 163: Hazardous Materials Response Training	2.0
Fire 164: Shipboard Fire Fighting for the Land Based Fire Fighter	1.0
Fire 165: Fire Hoses and Fire Streams	2.0
Fire 166: Self Contained Breathing Apparatus (SCBA) and Personal Protective Equipment (PPE)	1.5
Fire 167: Ground and Aerial Ladders	2.0
Fire 168: Resume Writing and Interviewing Skills	0.5
Fire 169: Building Structure	2.5
Fire 170: Ropes and Knots	1.5
Fire 171: Fire Control	3.0
Fire 172: Fire Prevention/Pre-Incident Planning	1.5
Fire 173: Fitness Training	2.5
Fire 174: Field Training Practice 2.5	
FRSTRESP331: First Responder III with Automatic External Defibrillator and Spinal Management	3.0

This program runs between 4 -6 times a year. For more information about this program visit the Fire & Safety Division website at www.jibc.ca/fire.



*Certification and Re-certification for CPR – Level C may be obtained through the Paramedic Academy. The cost for Full Certification is \$67.63 plus gst and LSF. Re-certification is \$52.02 plus gst. All fees are subject to applicable taxes. For more information on these courses and upcoming dates please visit the Paramedic Academy website at: www.jibc.ca/paramedic/programs/cme_programs/res.htm or call 604-528-5690.



Industrial Emergency Responder Certificate

Program Description

The Industrial Emergency Responder Certificate is a thirty-credit certificate program designed to meet the needs of individuals who currently work in an emergency response capacity in an industrial setting while at the same time performing their primary career responsibilities.

Program delivery is designed to be flexible enough to meet the needs of the working participant; enrollment in the program is open to anyone who wishes to seek a position in an industrial emergency response capacity.

Upon completion of this program you will have mastered course content aligned to recognized international professional standards and obtained the requisite technical, physical and professional skills and the introductory theoretical knowledge required for employment as an industrial emergency responder.



Program Organization

The program is comprised of thirty credits. The learner is required to complete the required courses listed below, for twenty-four credits and, complete six additional credits from the list of approved elective courses. The order and pace of completion is self-directed providing all coursework is completed within five years of beginning the certificate. (Average completion time is two to four years.)

Required Courses – 24 credits

COURSE	CREDITS
Atmospheric Monitoring	1.0
Confined Space Entry and Rescue – Awareness	1.0*
Confined Space Entry and Rescue – Operations	2.0*
Clear and Simple: A Course on Writing Letters, Memos and Reports	1.5
Emergency Vehicle Operation	3.0*
Hazmat Awareness	0.5*
Hazmat Operations	2.0*
Hazmat Technician	3.0*
ICS 100	0.5
Industrial Fire Fighting – Level I	2.5*
Industrial Fire Fighting – Level II	2.5*
Industrial Fire Fighting – Level III	2.5*
Employability Skills	0.5
Technical High Angle Rope Rescue – Awareness	1.5*



Elective Courses – 6 credits from the following courses:

COURSE	CREDITS
Building Construction	1.0
Confined Space Entry and Rescue – Technician	2.0*
H ₂ S Safety & Response	0.5
Industrial High Angle Rope Rescue	1.5
Rail Tank Car Specialist	3.0
Rapid Intervention Team	1.0
Shipboard Fire Fighting for Land Based Fire Fighters	2.0
Team Building	1.0
Technical High Angle Rope Rescue – Operations	2.0*
Technical High Angle Rope Rescue – Technician	2.0*

* IFSAC and/or ProBoard accredited

For more information on this program please go to our website at www.jibc.ca/fire or contact the Program Coordinator at 604-462-1000 or by email at fsd-mapleridge@jibc.bc.ca.





Fire Service Leadership Diploma

The Fire Service Leadership Diploma provides fire service personnel with opportunities to expand their overall knowledge of the fire service. Students may also be able to achieve certification to the National Fire Protection Association's Standard for Fire Officer Professional Qualifications (NFPA 1021). The courses within the Fire Service Leadership Diploma are the same courses required for Fire Officer Certification plus an additional 6.5 college or university level credits (in courses such as business administration, education, arts or sciences, social sciences and human resource management). For more information about Fire Officer Certification see the section below.

The Bachelor of Fire & Safety Studies incorporates the Fire Service Leadership Diploma, so after receiving the Diploma students can complete 63 additional credits to receive the Bachelor Degree. To apply for the Fire Service Leadership Diploma, students must complete and submit an application for the Bachelor of Fire & Safety Studies. The admission requirements are the same for both the Diploma and Bachelor degree. Please refer to p.18 in this course calendar for more information.

The Fire Service Leadership Diploma targets fire service personnel in Career Fire Departments, Volunteer Fire Departments and Composite Fire Departments. It provides essential knowledge for supervision of fire fighters in fire stations, managing the operations of a fire station and department, and the necessary skills to manage emergency scenes.

The majority of courses within the Fire Service Leadership Diploma are available in both distance education and classroom delivery formats. Increasingly, courses will be available via the internet; please check our web site for the most current information.

Please note that all of the courses listed in the following pages are required for completion of the Fire Service Leadership Diploma. Students may register in individual courses, provided course pre-requisites are met.



Fire Officer Certification

There are four levels of Fire Officer certification within NFPA 1021 – Standard for Fire Officer Professional Qualifications. Students must meet the requirements of NFPA 1001 – Standard for Fire Fighter Professional Qualifications before applying for Fire Officer Certificates. Once the pre-requisite for certification (NFPA 1001) has been met, students can apply for Fire Officer Certificates at any time in the course of their studies. To be enrolled in the Fire Officer Certificates and receive the appropriate certification, students must do the following:

- Complete and submit the Fire Officer Certificate Application
- Submit proof of completion of NFPA 1001 (if completed at an training institution or college other than the JIBC)
- Pay the applicable certificate fee.

The courses within the Fire Officer Certificates are designed to prepare fire officers to:

- Supervise fire station personnel;
- Manage fire station operations;
- Command fire and emergency scenes;
- Provide leadership to fire department; and
- Establish effective relationships with the community, municipal government and the fire service.



There are 19 courses spread over the four levels of Fire Officer Certificates (I through IV) as defined in National Fire Protection Association's Standard for Fire Officer Professional Qualifications (NFPA 1021). The International Fire Service Accreditation Congress (IFSAC) accredits all levels of Fire Officer Certificates. In addition, the Fire Officer I and II Certificates are accredited by the National Board on Fire Service Professional Qualifications (ProBoard).

Instructors and Tutors

Instructors for the classroom courses and tutors for the distance education courses bring a wealth of experience and expertise to the Fire Service Leadership Program. They are typically selected from practitioners in the field, and each has many years experience in the subject that they instruct or tutor.

Distance Education Format (Correspondence and Internet)

Distance education (correspondence or web based) enhances flexibility and is particularly suitable for students outside the lower mainland. Students are able to remain in their regular work environment and can apply new skills and theories as they are acquired. This ensures that fire departments, which might not have staffing levels or budgets to support leaves of absence, can still participate in training opportunities. Distance learning can be very cost effective as it saves travel and accommodation costs and the need to have personnel to fill in for staff away on training.

The Distance Education format includes a series of courses that allow fire service personnel to upgrade their knowledge through self-study of learning materials provided to them in their own locality. Distance Education allows students to work at their own pace within a structured semester system. Assignment deadlines are set for each semester (fall, spring). Each semester lasts for three months commencing in September (fall semester), January (winter semester) and April (spring semester). For the distance programs, students receive course materials, read, write and submit assignments. Tutors will grade the assignments and comment on all student work.

Tutors

For each course, the student is assigned a tutor. The student's progress is guided and evaluated by the Fire & Safety Division appointed tutor, who evaluates course assignments and projects. The tutor informs the Fire & Safety Division of the student's progress and submits marks for assignments to the Division.

Materials

The student registers for a specific program or course, usually in consultation with the Chief Training Officer. Each course contains the following:

- **Course binder:** This contains the administrative details, such as the name, and contact information of the assigned tutor. The binder also contains objectives, instructional material, self-tests, practical exercises, and assignments to be completed.
- **Support materials:** For several of the courses, additional textbooks or other materials are required. These are not included in the registration fee for the course and must be purchased separately. Textbooks for the courses can be ordered through our web site under the section titled "Other Resources". In this section, look in the subheading entitled "forms".





Classroom Format:

For those individuals or departments that wish to have their fire service personnel participate via a classroom, Fire Officer I and II are offered in a full classroom format at the JIBC, New Westminster Campus. Please note that most of the classroom versions of the courses can be delivered locally throughout BC where there is a sufficient number of students. Departments wishing to host these courses should contact the Fire & Safety Division.

Distance Education/Classroom Combination Format:

The classroom version of the courses is open to students who also participate in the distance education courses. Students can register for courses via distance education and supplement these courses with a classroom version, as convenient.



Fire Officer I

The NFPA 1021 Standard for Fire Officer Professional Qualifications states that NFPA 1001 Standard for Fire Fighter Professional Qualifications (Fire Fighter I and II) is a prerequisite for certification to Fire Officer I. Students registering for the Fire Officer I Certificate must have satisfied the criteria for Fire Fighter I and II by having completed the Career Fire Fighter Pre-Employment Certificate, or the BC Fire Fighter Program, or have obtained an equivalent standing granted by the Justice Institute's Fire & Safety Division. To receive a Fire Officer I certificate, students must complete and submit the Fire Officer Certificate Application (available on our website) and pay the applicable fee.

Pre-requisites for certification: NFPA 1001 – Fire Fighter I and II

Station Officer: Dealing with People

F105(distance education)/FC105(classroom)

This course introduces the fire officer to the origins of and future trends affecting fire protection in Canada, theories of motivation, leadership, coaching and conflict resolution.

Credits:	2.0
Presentation:	Distance Education Format: 3months Classroom Format: 5 days
Course Dates:	Oct 1, 2, 3, 4 and 5, 2007 – NW Campus Jan 8, 9, 10, 15 and 16, 2008 – NW Campus

Station Officer: Dealing with New Operations

F110 (distance education)/FC110 (classroom)

In this course the student is introduced to fire cause determination, managing in-service inspections, and methods for effective media relations. A primary goal of the fire officer is to ensure a safe working environment for fire service personnel. Two topics presented within this course – the management of health and wellness and critical incident stress management – emphasize the importance of safety in the work place.

Credits:	2.0
Presentation:	Distance Education Format: 3months Classroom Format: 5 days
Course Dates:	Dec 6, 7, 10, 11 and 12, 2007 – NW Campus Apr 9, 10, 11, 14 and 15, 2008 – NW Campus



Fire Station Environment

F115 (distance education)/FC115 (classroom)

In this course fire officers will learn about the role and responsibilities of an officer. Students will be exposed to report writing, labour management, safety and risk management.

Credits:	2.0
Presentation:	Distance Education Format: 3 months Classroom Format: 5 days
Course Dates:	Sept 11, 12, 13, 17 and 18, 2007 – NW Campus Feb 11, 12, 13, 20 and 21, 2008 – NW Campus

Emergency Scene Management I

F120 (classroom)

This course prepares the student to be the unit commander at a single alarm emergency incident. Students learn how to secure the scene, assess a situation, examine response alternatives, select and implement a response strategy, allocate resources, plan for expansion and demobilization of the event, and ensure public and firefighter safety throughout. Introduction to Incident Command ICS-100 will be completed as a pre-assignment.

Credits:	2.0
Presentation:	Classroom Format: 5 days plus 1.5 hours evaluation
Certification:	Certificate of Achievement
Course Dates:	Oct 12, 13, 14, 15, and 16, 2007 evaluations Oct 20 or 21, 2007 – Comox Oct 22, 23, 24, 25 and 26, 2007 evaluations Oct 27, 28 or 29, 2007 – Dawson Creek Nov 14, 15, 16, 19 and 20, 2007 evaluations Nov 21, 22 or 23, 2007 – NW Campus Mar 5, 6, 7, 10 and 11, 2008 evaluations Mar 12, 13 or 14, 2008 – NW Campus

Fire Service Instructor I

S101 (classroom)

This course will introduce the student to the techniques required to deliver a course from a prepared lesson plan. Students will be exposed to training aids, evaluation instruments and methods of establishing a proper learning environment. Students will also explore record keeping techniques. This course is accredited by IFSAC and Proboard in compliance with NFPA 1041 Standard, (2002 ed.).



Credits:	1.0
Presentation:	Classroom Format: 3 days plus pre-course assignment and evaluation
Certification:	Certificate of Achievement (Accredited)
Course Dates:	Oct 16, 17 and 18, 2007 – Surrey Fire Training Centre Apr 30, May 1 and 2, 2008

Note: See page 58 for a more detailed description of this course.



Fire & Life Safety Educator I

F276 (classroom)

Students will gain knowledge and skills to deliver sound public education to their communities. Students will explore the myths and realities of fire, human behaviour during fire emergencies and strategies to effectively reach a variety of audiences. Methods of delivering fire and life safety education, selecting educational materials, working with the media and evaluating program success will also be covered.

Credits:	1.0
Prerequisites:	Fire Service Instructor I is a co-requisite with this course and is required for full certification to NFPA 1035. Students without Fire Service Instructor I may take the course without certification and obtain a certificate of completion.
Presentation:	Classroom Format: 2 days
Course Dates:	Nov 5 and 6, 2007 – NW Campus Jan 14 and 15, 2008 – JIBC Victoria Campus Mar 8 and 9, 2008 – Prince Rupert Apr 14 and 15, 2008 – NW Campus Apr 26 and 27, 2008 – Comox



Fire Officer II

The Fire Officer II Certificate meets the requirements of the Standards for Fire Officer Professional Qualifications as defined by Chapter 5, NFPA 1021. Upon completion of this level, students will receive a certificate with IFSAC and ProBoard seals. To receive a Fire Officer II certificate, students must complete and submit the Fire Officer Certificate Application and pay the applicable fee.

Prerequisites for certification to Fire Officer II: Fire Officer I

Fire Prevention Management

F150 (distance education)/FC150 (classroom)

This course will introduce the student to the BC Fire Services Act, BC Fire Code, and BC Building Code. The student will learn how to apply this legislation during company inspections. The student will be introduced to fire cause determination. Students registered in FC150 will take FPIN150 – Fire Cause and Origin I as part of the classroom format.

Credits:	3.0
Presentation:	Distance Education Format: 3 months Classroom Format: 5 days
Course Dates:	Sept 5, 6, 7, 10 and 11, 2007 – NW Campus Jan 21, 22, 23, 24 and 25, 2008 – NW Campus



Fire Suppression Management

F155 (distance education)/FC155 (classroom)

This course introduces the student to operations management and supporting administrative functions in a full service fire department. Students will explore the development and management of effective fire suppression and the identification of potential fire threats. Basic budgeting and purchasing as it relates to ensuring the department is properly equipped to provide effective service will also be covered in this course.

Credits:	3.0
Presentation:	Distance Education Format: 3 months Classroom Format: 5 days
Course Dates:	Dec 3, 4, 5, 17 and 18, 2007 – NW Campus Feb 27, 28, 29, Mar. 3 and 4, 2008 – NW Campus

Emergency Scene Management II

F160 (classroom)

This course prepares students to manage a major incident requiring a complex command staff and a number of divisional officers who report to the commander. Included in the course are sessions on Incident Safety Officer.

Credits:	2.0
Prerequisites:	Emergency Scene Management I
Presentation:	Classroom Format: 5 days plus a 1.5-hour evaluation
Certification:	Certificate of Achievement (accredited)
Course Dates:	Oct 17, 18, 19, 22 and 23, 2007 evaluations Oct 24, 25 or 26, 2007 – NW Campus Apr 14, 15, 16, 17 and 18, 2008 evaluations Apr 21, 22 or 23, 2008 – NW Campus



Fire Service Instructor II

S102 (classroom)

This course exposes the student to the scheduling, budget, records and reports, and instructor evaluation requirements of a Training Officer. Fire Service Instructor II will explore the elements of instructional development, delivery, course evaluations and test analysis. This course is accredited by IFSAC and Proboard in compliance with NFPA 1041 Standard, (2002 ed.).

Credits:	1.0
Prerequisites:	Fire Service Instructor I
Presentation:	Classroom Format: 3 days plus a pre-course assignment and evaluation
Certification:	Certificate of Achievement (Accredited)
Course Dates:	Nov 21, 22 and 23, 2007 – NW Campus (1 day) Surrey Fire Training Centre (2 days) Feb 13, 14 and 15, 2008 – Lower Mainland





Fire Officer III

Fire Officer III meets the requirements of Chapter 6, Standards for Fire Officer Professional Qualifications as defined by NFPA 1021. Upon completion of this level students will receive a certificate with an IFSAC seal. To receive a Fire Officer III certificate, students must complete and submit the Fire Officer Certificate Application and pay the applicable fee.

Prerequisites for certification to Fire Officer III: Fire Officer II

Communication Skills

FSS100 (on-line education)

(Formerly known as F205 – Communications: Study Skills)

This course has two basic components. The first component focuses on learning applications and techniques for effective reading, studying, and assignment completion. This component also includes a fairly comprehensive review of English grammar, as preparation for the latter half of the course. The second component focuses on skills development and enhancement of written work for undergraduate academic courses and in a business or government environment.

Credits: 3.0
Format: 3 months

Organizational Behaviour

F210

This course examines some of the basic concepts and principles of management and public administration. It provides an approach to such processes as planning, organizing, and controlling. It will address issues such as delegation of authority and organizational design and motivation.

Credits: 3.0
Format: Distance Education: 3 months

Personnel Management in the Fire Service I

F215

This course emphasizes personnel selection and the impact of the expanding role of the career fire fighter. It also examines the recruitment and retention of volunteer fire fighters.

Credits: 3.0
Format: Distance Education: 3 months

Fire Service Strategic Planning I

F220

This course introduces the student to the principles and concepts of strategic planning in a public sector organization. Students learn to approach planning from a strategic, outwardly focused, futures perspective. They will examine the context in which strategic planning is conducted, strategic planning processes, relationships between strategic and operational planning, essential components of a strategic plan, and methods and techniques for development, implementation, and monitoring of a strategic plan.

Credits: 3.0
Format: Distance Education: 3 months



Municipal Finance

F225

This course introduces students to the preparation and use of accounting information for planning, controlling and making decisions within the organization. The course will focus on increasing understanding of basic accounting principles and practices, planning and managing a budget, and interpreting, analyzing and using financial statements.

Credits:	3.0
Format:	Distance Education: 3 months

Emergency Scene Management III

F230 (*classroom*)

In this course students will learn how to apply and use the Incident Command System for managing an emergency incident. Students work from a command post setting within a unified command structure on planning, implementing, managing and evaluating response to incidents that require multi-agency planning, deployment and operations. Students will also examine laws and standards that mandate an organized approach to managing emergency incidents, the elements and components of an effective emergency management system and a fire department's capability to implement an emergency management system.

Credits:	2.0
Prerequisites:	Emergency Scene Management II
Presentation:	Classroom Format: 4 days plus a 3-hour evaluation
Certification:	Certificate of Achievement
Course Dates:	Nov 26, 27, 28 and 29, 2007 evaluation Nov 30, 2007 – NW Campus



Fire Officer IV

Fire Officer IV meets the requirements of the Standards for Fire Officer Professional Qualifications as defined by NFPA 1021, Chapter 7. Upon completion of this level, students will receive a certificate with a IFSAC seal. To receive a Fire Officer IV certificate, students must complete and submit the Fire Officer Certificate Application and pay the applicable fee.

Prerequisites for certification to Fire Officer IV: Fire Officer III

Fire Service Law

F250

In this course students are provided with an overview of Canadian law and explore its impacts on a fire department. Students then examine the underlying principles of law, the structure of the Court system, fire department incorporation, mutual aid agreements, principles of criminal and tort law, laws of evidence, and presentation of testimony in court.

Credits:	3.0
Format:	Distance Education: 3 months



Programs

Statistical Foundations for Decision Making in the Fire Service

FSS240 (on-line education)

(Formerly known as F255 – Program Evaluation & Statistics)

Learners will gain an introduction to the tools and techniques for rational decision-making in the fire service. These include: databases, statistics, probability, decision analysis, utility modeling, resource allocation, cost-benefit analysis and linear programming. They will be able to explain the relationship between a variety of analytical methods and the data requirements. Identifying and using the major steps in systems thinking, they will be able to perform a step-by-step analysis of a problem.

Credits: 3.0

Format: On-line Education: 3 months

Government Organization & Structure

F260

This course focuses on the functions of government, with emphasis on local government. It includes a historical analysis that begins with the rise of the nation state, moves to municipal government reform from the early 20th century through the Great Depression to the significant changes of the past 20 years.

Credits: 3.0

Format: Distance Education: 3 months

Personnel Management in the Fire Service II

F265

This course emphasizes the effect of critical incident stress on fire fighters, and the ways to address this problem. It also emphasizes labour management relations by focusing on the collective bargaining process and the administration of the collective agreement.

Credits: 3.0

Format: Distance Education: 3 months

Prerequisite: F215 – Personnel Management in the Fire Service I

Master Planning

F270

This course will look at master planning as a concept that ties together the diverse elements of a fire department into a viable fire service system. It will provide clear understanding of the principles and concepts of master planning and will help students apply these concepts in their department.

Credits: 3.0

Format: Distance Education: 3 months

Prerequisite: F220 – Fire Service Strategic Planning I or

F225 – Municipal Finance





Planning Process

(EM723 (classroom)

(Formerly F275 – Municipal Emergency Preparedness Plan)

This course provides participants with a step-by-step approach to developing an agency or community emergency plan. It will offer valuable “tools” to aid in the writing &/or modifying of emergency plans. This is a required course in the Emergency Management Certificate program.

Credits:	1.0
Presentation:	Classroom Format: 14 days
Prerequisite:	EMDE700 – Introduction to Emergency Management
Course Dates:	Check the Emergency Management Division’s course listings at www.jibc.ca/emergency/Programs_Courses/Emergency_Management

Senior Leaders Course

F280

In this course, students will build on skills and knowledge acquired in previous courses to further enhance their leadership and management proficiency and to respond more effectively to department, community and government priorities. The course features two main components. In the first, students participate in a 360 degree analysis of their skills and abilities, and develop and implement an action plan based on their findings. In the second part of the course students meet with senior civic administrators to hear about issues they are dealing with at the municipal level and to get their perspective on issues that directly affect the fire service.

Credits:	1.5
Presentation:	Classroom format: 3 days with 1 day followup after 3 months
Course Dates:	Oct 17, 18 and 19, 2007 – NW Campus Dec 5, 6 and 7, 2007 – NW Campus

Courses





Airport Emergency Response

new

AIRCRAFT EMERGENCY RESPONSE AWARENESS



This site specific two-day course designed for structural fire department personnel who may be called upon to provide suppression/control to an aircraft incident. Topics include airframe familiarization, aircraft construction, aircraft systems, extinguishing agents, fire fighting and rescue procedures and tactics, brake fires, communications, biological hazards, and specialty aircraft. The Fire & Safety Division provides certification for this program following successful completion of a written exam.

Credits:	1.0
Prerequisites:	Confirmation from the Department Fire Chief or supervisor on competency in the following subjects: safety and orientation, ladders, fire streams, fire hose and appliances, fire behavior, SCBA, ventilation and rescue
Presentation:	Classroom – 2 days
Location:	Maple Ridge Campus or Client site 604-462-1000
Certification:	Certificate of Achievement

new

EMERGENCY RESPONSE INVOLVING DOWNED AIRCRAFT



This hot fire training session will challenge the student to develop competency and proficiency in: hose handling, water and foam management techniques, plus isolation and exposure protection in an aircraft rescue environment. Specific hazards will be identified and students will be given the opportunity to combat and extinguish a 3 dimensional fuel fire using a variety of extinguishing agents. This course meets the recertification requirements according to Transport Canada guidelines for Airport Fire Fighters.

Credits:	0.5
Prerequisites:	Confirmation from the Department Fire Chief or supervisor on competency in the following subjects: safety and orientation, ladders, fire streams, fire hose and appliances, fire behavior, SCBA, ventilation and rescue
Presentation:	Classroom and field exercises – 1 day
Location:	JIBC Maple Ridge Campus or the Prince George Airport 604-462-1000
Certification:	Certificate of Achievement



Apparatus Training Courses

FS180

EMERGENCY VEHICLE DRIVER TRAINING (EVD)



This one-day course combines fire apparatus hands-on driver training and classroom theory. Training is conducted at Fraser Mills which is a restricted and controlled training site. The course is designed to introduce students to the practical driving requirements of Chapter Two of NFPA 1002 standard. This program focuses on defensive driving techniques, vehicle reference points, and the legal aspects of Section 122 of the Motor Vehicle Act. The course is scheduled upon client request.

Credits:	0.5
Prerequisites:	Class 5 driver's license with air brake endorsement
Presentation:	1 day – Classroom and hands-on practical
Location:	Fraser Mills, New Westminster or client site 604-462-1000
Certification:	Certificate of Achievement

FS181

EMERGENCY VEHICLE OPERATION (EVO)



This course is designed to educate and evaluate Driver/Operators in the use of Fire Department Pumping Apparatus. It is accredited by IFSAC and meets the NFPA 1002 Standard. Students will receive interactive training in preventative maintenance, vehicle maneuvering, driving/operating, water supply, relay pumping, foam production and drafting. A written and practical evaluation is required to ensure NFPA Standards are achieved. Successful students will have an appropriate mix of theoretical knowledge and practical skills to ensure the apparatus and personnel get to the scene safely and that the apparatus is utilized to its fullest potential. This program is designed to be delivered in-house by department instructors. Fire & Safety Division evaluators will conduct evaluations. The course is scheduled upon client request.

Credits:	3.0
Prerequisites:	Basic knowledge of pumps and hydraulics and a class 5 drivers license with air brakes. Completion of the pre-reading requirement.
Presentation:	In-house instruction/Fire & Safety Division evaluation
Location:	Client site 604-462-1000
Certification:	Certificate of Achievement, (Accredited)
Recommended Text:	Pumping Apparatus: Driver/Operator Handbook



new

WATER TENDER OPERATIONS

This course, based on Chapter 10 of NFPA 1002, combines classroom theory and hands-on water tender operation for those departments using a combination of tenders and portable tanks to establish and sustain fire flows in areas without hydrant protection.

Credits:	1.0
Prerequisites:	Class 5 driver's license and air brake endorsement
Presentation:	2.5-day – Classroom and hands-on practical
Location:	Client Site
Certification:	Certificate of Achievement

FS183

PUMPS AND PUMPING

In this course the student will receive hands-on training in the use of vehicle mounted pumps. Through classroom instruction combined with hands-on training students will learn: vehicle maintenance; field hydraulics; driver responsibilities. The student will be challenged with a variety of pumping scenarios.

Credits:	2.0
Prerequisites:	Valid driver's license with Air Brake Endorsement
Presentation:	4 days – Classroom lecture and practical exercises
Location:	Maple Ridge Campus or client site 604-462-1000
Certification:	Certificate of Achievement

Emergency Scene Management Courses

F120 (classroom)

EMERGENCY SCENE MANAGEMENT I

This course prepares the student to be the unit commander at a single alarm emergency incident. Students learn how to secure the scene, assess a situation, examine response alternatives, select and implement a response strategy, allocate resources, plan for expansion and demobilization of the event, and ensure public and fire fighter safety throughout. Introduction to Incident Command ICS-100 will be completed as a pre-assignment.

Credits:	2.0
Prerequisites:	Fire Fighter Level I & II
Presentation:	Classroom Format: 5 days plus 1.5 hour evaluation
Location:	New Westminster Campus or client site 604-528-5657
Certification:	Certificate of Achievement
Course Dates:	Oct 12, 13, 14, 15, and 16, 2007 evaluations Oct 20 or 21, 2007 – Comox Oct 22, 23, 24, 25 and 26, 2007 evaluations Oct 27, 28 or 29, 2007 – Dawson Creek Nov 14, 15, 16, 19 and 20, 2007 evaluations Nov 21, 22 or 23, 2007 – NW Campus Mar 5, 6, 7, 10 and 11, 2008 evaluations Mar 12, 13 or 14, 2008 – NW Campus

F160 (classroom)

EMERGENCY SCENE MANAGEMENT II

This course prepares students to manage a major incident requiring a complex command staff and a number of divisional officers who report to the commander. Included in the course are sessions on Incident Safety Officer and Hazardous Materials On-Scene Incident Commander. This course also satisfies the requirements of FS185– Incident Safety Officer. Upon completion of this course the student will be issued a Certificate of Achievement and ProBoard certification for NFPA 1521 – Standard for Fire Department Safety Officer.



Credits:	2.0
Prerequisites:	Emergency Scene Management I
Presentation:	Classroom Format: 5 days plus a 1.5-hour evaluation
Location:	New Westminster Campus or client site 604-528-5657
Certification:	Certificate of Achievement
Course Dates:	Oct 17, 18, 19, 22 and 23, 2007 evaluations Oct 24, 25 or 26, 2007 – NW Campus Apr 14, 15, 16, 17 and 18, 2008 evaluations Apr 21, 22 or 23, 2008 – NW Campus



F230 (classroom)

EMERGENCY SCENE MANAGEMENT III



In this course students will learn how to apply and use the Incident Command System for managing an emergency incident. Students work from a command post setting within a unified command structure on planning, implementing, managing and evaluating response to incidents that require multi-agency planning, deployment and operations. Students will also examine laws and standards that mandate an organized approach to managing emergency incidents, the elements and components of an effective emergency management system and a fire department's capability to implement an emergency management system.

Credits:	2.0
Prerequisites:	F120 – Emergency Scene Management I and 160 – Emergency Scene Management II
Presentation:	Classroom Format: 4 days plus a 3-hour evaluation
Location:	New Westminster Campus or client site 604-528-5657
Certification:	Certificate of Achievement
Course Dates:	Nov 26, 27, 28, 29 evaluations in Nov 30th – NW Campus

Fire Fighting Courses

FS184

FIRE AND STRUCTURAL INTEGRITY



This one-day course is offered to individuals who require a better understanding of how structures react under fire conditions. Concepts include common construction methods, fire growth and fire spread in structures, effects of fire on common building materials, and building collapse identifiers and strategies.

Note: This course is offered by contract only.



Credits:	0.5
Prerequisites:	None
Presentation:	1 day – Classroom lecture and demonstration
Location:	Maple Ridge or client site 604-462-1000
Certification:	Record of Attendance
Recommended Text:	Essentials of Fire Fighting & Building Construction Related to the Fire Service

revised FS185

INCIDENT SAFETY OFFICER



This course is designed to provide the skills to function efficiently as a Safety Officer in emergency incident operations. The primary focus will be on developing decision-making skills through recognition of cues that affect personnel safety while responding to an incident. As this is an incident-specific, scene-oriented course, designed to teach what a Safety Officer needs to know, there will be use of hands-on and table-top scenarios to convey instructional points. This course is accredited by ProBoard in compliance with NFPA 1521.

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Credits:	1.0
Prerequisites:	Experienced fire fighters or industrial fire brigade members
Presentation:	2 days – Classroom lecture and interactive scenarios
Location:	Maple Ridge or client site 604-528-5657
Certification:	Certificate of Achievement (Accredited)
Recommended Text:	Fire Department Safety Officer
Course Dates:	Maple Ridge – Sept 13 - 14, 2007; May 10 - 11, Sept 7 - 10, Oct 11 - 12, Dec 13 - 14, 2008 Kelowna – June 14 - 15, 2008

FS171

LIVE FIRE – LEVEL I



A fire fighter completing Level I will have the appropriate mix of theoretical knowledge and practical skills and techniques to function effectively and safely as an integral member of a fire fighting team when engaged in fire suppression activities. Participants will develop the following practical skills and techniques for structural fires, interior/exterior attacks and ventilation: Class A materials – exterior, combustible liquid, vehicle fires, storage containers, class A materials interior. This course is in conformance with NFPA 1001.

Credits:	1.0
Prerequisites:	Confirmation from the department fire chief or supervisor on competency in the following subjects: safety and orientation, ladders, fire streams, fire hose and appliances, fire behavior, SCBA, ventilation and rescue
Presentation:	2 days – Classroom and field exercises
Location:	Maple Ridge Campus or approved location 604-462-1000
Certification:	Certificate of Achievement
Course Dates:	Maple Ridge – Oct 20 - 21, Nov 3 - 4, Dec 1 - 2, 2007 Jan 19 - 20, Feb 2 - 3, Mar 1 - 2, Apr 12 - 13, May 3 - 4, June 7 - 8, July 12 - 13, Aug 9 - 10, Sept 6 - 7, Oct 18 - 19, Nov 15 - 16, Dec 6 - 7, 2008 Vernon – May 10 - 12, 2008

FS172

LIVE FIRE – LEVEL II



A fire fighter completing this level will develop practical skills and techniques to extinguish and control the following: an exterior combustible liquids fire of at least 100 sq. ft. (9m²) using a foam fire stream; a fire in an elevated location within a structure (e.g. upper level, attic); a hidden fire within a structure (e.g. within walls, crawl spaces); a fire involving energized electrical components; a fire involving a flammable gas cylinder; a fire in a below-grade or other location requiring initial attack from above. This course is in conformance with NFPA 1001.

Credits:	1.0
Prerequisites:	Live Fire Level I
Presentation:	2 days – Classroom lecture and field exercises
Location:	Maple Ridge Campus or approved location 604-462-1000
Certification:	Certificate of Achievement
Course Dates:	Maple Ridge – Sept 15 - 16, Oct 27 - 28, Nov 17 - 18, Dec 8 - 9, 2007, Feb 9 - 10, Mar 8 - 9, Apr 19 - 20, May 10 - 11, June 14 - 15, July 19 - 20, Aug 16 - 17, Sept 13 - 14, Oct 25 - 26, Nov 22 - 23, Dec 13 - 14, 2008 Vernon – October 18-19, 2008



FS173

LIVE FIRE – LEVEL III



This level is designed to enhance the skills, knowledge and safety of the fire fighter. The course introduces the fire fighter to working in the role of an incident commander. The Incident Commander will size up emergency scenes and formulate strategic goals and tactical objectives. Participants will apply the Incident Command System (ICS) using passport accountability to live fire scenarios.

Credits:	1.0
Prerequisites:	Senior fire fighter with Live Fire Level II
Presentation:	2 days – Classroom lecture and field exercises
Location:	Maple Ridge Campus or approved location 604-462-1000
Certification:	Certificate of Achievement
Course Dates:	Maple Ridge – Sept 22 - 23, Nov 24 - 25, 2007 Mar 15 - 16, Apr 26 - 27, June 21 - 22, Sept 20 - 21, 2008 Vernon – Oct 18 - 19, 2008

LIVE FIRE CUSTOM



The objective of this course is to design live fire training scenarios which meet the specific needs of the individual Fire Department or Industrial Brigades. This scenario based training incorporates the client's operating guidelines and suppression techniques used by a Fire Department or industry while remaining within established standards and best practices guidelines.

Credits:	None
Prerequisites:	Confirmation from the Department Fire Chief on competency in the following subjects: safety and orientation, ladders, fire streams, fire hose and appliances, fire behaviour, SCBA, ventilation and rescue
Presentation:	Customized
Location:	Maple Ridge Campus or approved location 604-462-1000
Certification:	Record of Attendance

FS191

RAPID INTERVENTION TEAM (RIT)



In this hands-on course, participants will obtain the knowledge, skills and abilities necessary to operate effectively both as a Rapid Intervention Team as well as an individual team member. Through interactive exercises this course will improve the effectiveness, efficiency and safety of the emergency personnel operating in an unpredictable emergency environment. This course will assist Rapid Intervention Teams, emergency departments and individual personnel in meeting legal and jurisdictional responsibilities.

Credits:	1.0
Prerequisites:	It is preferred that the candidate have an understanding of fire ground operations and methodology, be competent and experienced in PPE and SCBA and possess a knowledge of incident command system.
Presentation:	0.5 days at Maple Ridge Campus
Location:	Maple Ridge Campus or client site 604-462-1000
Certification:	Certificate of Achievement
Course Dates:	Maple Ridge – Sept 29 - 30, Oct 27 - 28, 2007 Feb 16 - 17, Sept 27 - 28, Dec 13 - 14, 2008 Vernon – Apr 4 (eve) - 6, 2008

FS186

SHIPBOARD FIRE FIGHTING FOR THE LAND BASED FIRE FIGHTER

This four-day course is based on the NFPA 1405 guide for Land Based Fire Fighters Who Respond to Marine Vessel Fires with additional Canadian content. Through shipboard visits, case studies and lectures by the senior fire fighters and ship's officers, the course provides information about shipboard fire fighting resources and the most successful techniques used to fight major fires on vessels and in marine terminals including dry-docks. Students will also have the opportunity to apply their knowledge and skills during practical exercises in a model port.

Credits:	2.0
Prerequisites:	None
Presentation:	Classroom and ship visits
Location:	Maple Ridge Campus or client site 604-462-1000
Certification:	Certificate of Achievement
Recommended Text:	Marine Fire Fighting for Land-Based Fire Fighters
Course Dates:	Maple Ridge – Sept 9 - 12, 2007 May 20 - 23, Oct 7 - 10, 2008



revised FS187

STRATEGIES AND TACTICS

Using video, computer simulation, and model towns, students will manage the attack and coordinate the suppression on several structure fires in buildings of various occupancies. This course is directed towards line fire fighters and officers. It addresses fire behaviour, scene management, ventilation techniques and methods of structural fire attack. The course objective is to incorporate fire control with an effective emergency scene management system. The course is scheduled upon client request.

Credits:	1.0
Prerequisites:	Fire department personnel or industrial clients
Presentation:	2 days – Classroom theory and hands-on practical
Location:	Maple Ridge Campus or client site 604-462-1000
Certification:	Record of Attendance
Recommended Text:	Fire Fighting Strategies and Tactics

new FS193

STRATEGIES AND TACTICS – ADVANCED

This two day interactive workshop is an ideal building block for aspiring fire fighters and an essential review for experienced incident commanders. Incident command requires background knowledge and application of skills in all phases of strategy and tactics – knowing what needs to be done as well as the how it is going to be accomplished. An important element of this workshop is the use of case studies based on actual incidents to show the applications of the theories to real world situations.

Credits:	1.0
Prerequisites:	Strategies and Tactics
Presentation:	2 days – Classroom
Location:	Maple Ridge Campus or client site 604-462-1000
Certification:	Certificate of Achievement

FS160

VEHICLE RESCUE – LEVEL I



This course familiarizes the student with accident scene management, air bag technology, new vehicle construction and design and alternative fuel vehicles. Upon completion of this course the participant will possess the ability to recognize applicable hazards, properly use appropriate tools and equipment, and be able to demonstrate techniques necessary to safely and effectively support, and participate in vehicle extrication scenarios.

Credits:	1.0
Prerequisites:	Able to vertically lift 75 pounds
Presentation:	2 days – Classroom lecture and hands-on practical exercises
Location:	Maple Ridge or client site 604-462-1000
Certification:	Certificate of Achievement
Recommended Text:	Principles of Vehicle Extrication
Course Dates:	Maple Ridge – Sept 8 - 9, Sept 24 - 25, Oct 20 - 21, Nov 17 - 18, Dec 1 - 2, 2007, Jan 26 - 27, Feb 11 - 12, Feb 23 - 24, Apr 12 - 13, June 7 - 8, Aug 9 - 10, Sept 6 - 7, Sept 22 - 23, Oct 18 - 19, Nov 15 - 16, Dec 6 - 7, 2008

FS161

VEHICLE RESCUE – LEVEL II



This course introduces the student to scene management and the Incident Command System (ICS). Scenario based training will give the student realistic experience, challenging the student to apply required skills and knowledge from Level I.

Credits:	1.0
Prerequisites:	Vehicle Rescue – Level I
Presentation:	2 days – Classroom lecture and scenario based training
Location:	Maple Ridge or client site 604-462-1000
Certification:	Certificate of Achievement (Accredited)
Course Dates:	Maple Ridge – Sept 15 - 16, Oct 1 - 2, Oct 27 - 28, Nov 24 - 25, Dec 8 - 9, 2007, Feb 2 - 3, Mar 1 - 2, Apr 19 - 20, July 5 - 6, Aug 16 - 17, Sept 13 - 14, Sept 29 - 30, Oct 25 - 26, Nov 22 - 23, Dec 13 - 14, 2008 Vernon – May 24 - 25, 2008

NOTE: * IFSAC and Proboard accreditation to NFPA 1006 Chapter 8 Vehicle and Machinery Rescue Standard for Rescue Technician Professional Qualifications will be issued upon completion of both Vehicle Rescue Level I and Level II.

Forest Fire Suppression Courses

S100

BASIC FIRE SUPPRESSION AND SAFETY



The S100 course was developed by the BC Forest Service Protection Branch to meet regulatory requirements including WorkSafeBC, which states that all workers fighting forest fires must be trained and then retrained annually. This includes people who are hired to temporarily fight fires. This course covers: fire line safety, the fundamentals of fire fighting, fire behaviour and water delivery using portable pumps and gravity systems.

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Credits:	0.5
Prerequisites:	None
Presentation:	1 day – Lectures, classroom and field exercises
Location:	Maple Ridge Campus or client site 604-462-1000
Certification:	Certificate of Achievement
Course Dates:	Maple Ridge – Oct 26, 2007 Mar 1, 28, Oct 18, 24, 2008

S215

FIRE OPERATIONS IN THE WILDLAND URBAN INTERFACE (WUI)



Upon completion of this course, the participant will be able to size up and evaluate a potential WUI situation, deploy the necessary resources using safe and efficient strategies and tactics to minimize property damage. This course is designed for Fire Department personnel.

Credits:	1.0
Prerequisites:	S100
Presentation:	2 days – Lectures, classroom and field exercises
Location:	Maple Ridge Campus or client site 604-462-1000
Certification:	Certificate of Achievement
Course Dates:	Mar 24 - 25, Oct 27 - 28, 2007, Mar 29 - 30, Oct 25 - 26 2008

Hazardous Materials Courses

new

FS121

ATMOSPHERIC MONITORING



This course is designed for individuals who are required to operate atmospheric monitoring instruments, either in an industrial application or as emergency personnel, responding to Hazmat or Confined Space emergencies. In this course the theory of operation and care, maintenance and calibration of several types of instruments is covered in detail. Hands-on laboratory activities allow the students to practice conducting air sampling and formulate strategies required to mitigate an incident.

Credits:	1.0
Prerequisites:	None
Presentation:	2 days – Classroom lectures and hands-on practical exercises
Location:	Maple Ridge Campus or client site 604-462-1000
Certification:	Certificate of Achievement

FS122

HAZARDOUS MATERIALS EMERGENCY RESPONSE – SPILL CONTROL



This course focuses on safe emergency response procedures to control hazardous materials spills. The course will give the student the basic knowledge and skills necessary to respond safely, identify the hazard and perform appropriate spill control techniques. This course is scheduled upon client request and is customized to meet the client's requirements.

Credits:	0.5
Prerequisites:	None
Presentation:	Customized length, using lectures, classroom and field exercises
Location:	Maple Ridge Campus or client site 604-462-1000
Certification:	Record of Attendance

new

CHEMICAL, BIOLOGICAL, RADIOLOGICAL AND NUCLEAR (CBRN) WEAPONS OF MASS DESTRUCTION AWARENESS



This awareness level course will provide the student with the information necessary to make informed, controlled and safe responses to incidents involving chemical, biological, radiological and nuclear (CBRN) weapons of mass destruction. The student will learn to recognize threat characteristics to the public and first responders, hazard-based risk versus benefit decisions, uses and limitation of personal protective equipment. The student will demonstrate safe first responder protective actions at a simulated incident..

Credits:	1.0
Prerequisites:	None
Presentation:	2 days (classroom version)
Location:	Maple Ridge Campus or client site 604-462-1000
Certification:	Certificate of Achievement

FS125

HAZARDOUS MATERIALS EMERGENCY RESPONSE – AWARENESS



This course focuses on the recognition of a hazardous emergency, personnel safety, hazard assessment, and the notification of the emergency response team using safe, practical, defensive actions all of which are critical components required when dealing with a hazardous situation. Techniques learned are practiced in simulated emergencies where the Incident Command System (ICS) is introduced. This course is accredited by IFSAC and ProBoard in compliance to NFPA 472.

Credits:	0.5
Prerequisites:	None
Presentation:	1 day – Lectures, classroom and field exercises, or if combined with Hazmat Operations course, 5 days
Location:	Maple Ridge Campus or client site 604-462-1000
Certification:	Certificate of Achievement (Accredited)
Recommended Text:	JIBC Hazardous Materials – Awareness, Student Study Guide
Course Dates:	Maple Ridge – Sept 10, Oct 15, 2007 Jan 28, Mar 3, 25, Apr 14, Sept 8, Oct 6, 2008 Kelowna – May 5, 2008 Kamloops – June 23, 2008



revised FS128

HAZARDOUS MATERIALS EMERGENCY RESPONSE – OPERATIONS



This course is a necessity for employees of industries who manufacture, transport or store chemicals or other hazardous materials as well as fire and police personnel who respond to hazardous materials incidents including spills or drug labs. Through lectures, classroom and field exercises, students learn techniques to recognize, identify and assess degrees of risk involved with hazardous materials and their containers, appropriate safety precautions, selection of appropriate personal protective clothing, safe defensive control techniques to protect people, the environment and property, implementation of the Incident Command System (ICS) and the 8 Step Method of managing a hazardous materials incident. Through field scenarios, students employ classroom learning to respond to simulated incidents wearing all appropriate protective equipment and successfully demonstrate response management, and establishment of decontamination areas and procedures. This course is accredited by IFSAC and ProBoard in compliance with NFPA 472.



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Credits:	2.0
Prerequisites:	IFSAC or ProBoard accredited Hazardous Materials Emergency Response – Awareness
Presentation:	4 days – Lectures, classroom and field exercises, or if combined with Hazmat Awareness course, 5 days
Location:	Maple Ridge Campus or client site 604-462-1000
Certification:	Certificate of Achievement (Accredited)
Recommended Text:	JIBC Hazardous Materials – Operations, Student Study Guide
Course Dates:	Maple Ridge – Sept 11 - 14, Oct 16 - 19 2007, Jan 30 - Feb 2, Mar 6 - 9, Apr 17 - 20, Jan 29 - Feb 1, Mar 4 - 7, Apr 15 - 18, Sept 9 - 12, Oct 7 - 10, 2008 Kelowna – May 6 - 9, 2008 Kamloops – June 24 - 27, 2008

revised FS129

HAZARDOUS MATERIALS EMERGENCY RESPONSE – TECHNICIAN



This course is a necessity for responders from industry, fire, police and other personnel who could be required to manage a hazardous material emergency response, including conducting clandestine drug or explosive lab investigations. The Technician uses advanced control techniques and directs activities using the 8 Step Scene Management Process and the Incident Command System. Classroom discussions examine hazards and safe tactics for each DOT class, health and chemical hazard assessment using technical resources and monitoring equipment. Advanced scenarios use our railcar derailment, transport trailers, and other containers to teach and practice offensive control techniques for both high and low pressure containers. This course is accredited by IFSAC and ProBoard in compliance with NFPA 472.

Credits:	3.0
Prerequisites:	IFSAC or ProBoard accredited Hazardous Materials Emergency Response – Operations
Presentation:	5 days – Lectures, classroom and field exercises (including 1 evening scenario)
Location:	Maple Ridge Campus or client site 604-462-1000
Certification:	Certificate of Achievement (Accredited)
Recommended Text:	JIBC Hazardous Materials – Technician, Student Study Guide
Course Dates:	Maple Ridge – Sept 17 - 21, Nov 5 - 9, 2007, Feb 4 - 8, Mar 10 - 14, Apr 28 - May 2, Sept 15 - 19, Oct 20 - 24, 2008



NOTE: It is strongly recommended that the Hazmat Operations course be taken in conjunction with this course as the course content is closely blended to build on each other.

new FS137

HAZARDOUS MATERIALS EMERGENCY RESPONSE FOR INCIDENT COMMANDERS – CHEMICAL, BIOLOGICAL, RADIOLOGICAL, AND NUCLEAR TERRORISM



This course provides the Incident Commander with the necessary tools to manage a hazmat incident. Exploration of public protection strategies, methods of interacting with other agencies and input into the hot zone plan are all core topics explored over the two day course. Special attention is also given to action planning and the unified command system. Skills are developed and applied using practical scenarios with tabletop models.



Credits:	1.0
Prerequisites:	It is strongly recommended that the participant have an IFSAC or ProBoard accredited Hazardous Materials Emergency Response – Technician level however we will accept IFSAC or ProBoard accredited Hazardous Materials Emergency Response – Operations and field experience.
Presentation:	2 days – Lectures, classroom and field exercises
Location:	Maple Ridge Campus or client site 604-462-1000
Certification:	Certificate of Achievement

FS136

HAZARDOUS MATERIALS EMERGENCY RESPONSE – REFRESHER



This two-day refresher course begins with a review of the potential health and chemical hazards. From that point, training occurs mostly in the field and consists of scenarios that will challenge Hazmat personnel from both industry and the fire service. Using accessible reference materials and applicable rules and regulations the students will apply the Incident Command System in the mitigation of hazardous materials scenarios.

Credits:	1.0
Prerequisites:	It is strongly recommended that the participant have IFSAC or ProBoard accredited Hazardous Materials Emergency Response – Technician level however we will accept an IFSAC or ProBoard accredited Hazardous Materials Emergency Response – Operations.
Presentation:	2 days – Lectures, classroom and field exercises
Location:	Maple Ridge Campus or client site 604-462-1000
Certification:	Certificate of Achievement
Recommended Text:	JIBC Hazardous Materials – Technician, Student Study Guide

FS133

RAIL TANK CAR SPECIALIST



This advanced course is for emergency response professionals who may respond to train derailments where hazardous materials are involved or who require in-depth understanding of a rail emergency. The course is five days of scenario-based training combining classroom instruction with hands-on practice and includes a night exercise. Students will learn: tank car anatomy; valves and possible problems; a systematic approach to damage assessment; transfers; grounding and bonding; flaring, capping, leak sealing and valve repairs. An introduction to the Incident Command System (ICS) with team organization including roles and responsibilities is also covered.

Credits:	3.0
Prerequisites:	JIBC Hazardous Materials Emergency Response – Operations or an accredited Hazardous Materials Emergency Response – Technician course from another training institution.
Presentation:	5 days – Classroom lectures and field exercises – including one night scenario
Location:	Maple Ridge Campus or client site 604-462-1000
Certification:	Certificate of Achievement
Course Dates:	Maple Ridge – Oct 22 - 26, 2007 Rail Tank Car: Maple Ridge – Mar 31 - Apr 4, Oct 27 - 31, 2008



Industry Courses

FS189

BUILDING CONSTRUCTION



This course provides an understanding of how various structures react under fire conditions and how to deal with them in a safe manner. Through lectures and field activities, participants will examine how structures react under fire conditions and explore the methods to deal with them in a safe manner. Topics covered include: common construction methods; building codes; fire separations; fire growth and fire spread in structures; effects of fire on common building materials; ventilation options and considerations; building collapse identifiers and strategies for dealing with the various types of structures.

Credits:	1.0
Prerequisites:	None
Presentation:	2 days – Classroom lecture and field exercises
Location:	Maple Ridge Campus 604-462-1000 or client site
Certification:	Certificate of Achievement

FS001

FIRE SAFETY AND EXTINGUISHER TRAINING



This course will explain fire behaviour, the fire tetrahedron, extinguisher selection and application. It will also touch on fire safety at work and proper safety procedures to follow in the event of a fire. The course has valuable information for employees of service stations, school districts, hospitals, hospitality and transportation industries, long term care facilities, etc.

Credits:	None
Prerequisites:	None
Presentation:	4 hours – Classroom lecture and practical exercises
Location:	Maple Ridge Campus or client site 604-462-1000
Certification:	Record of Attendance
Course Dates:	Maple Ridge – Sep 18, Oct 16, Nov 20, 2007 Jan 22, Feb 19, Apr 8, May 20, Sept 16, Oct 14, Nov 18, 2008

FS190

H₂S SAFETY & RESPONSE



This course will ensure that the student will obtain thorough knowledge of Hydrogen Sulfide (H₂S), its physical properties, hazards and the regulations surrounding it. In addition they will learn the proper ways of dealing with the gas releases in a safe and efficient manner including appropriate response procedures. (This program does not certify the individual as a qualified rescuer but centralizes the focus on a specific product, H₂S.)

Credits:	0.5
Prerequisites:	None
Presentation:	1 day – Classroom
Location:	Maple Ridge Campus 604-462-1000
Certification:	Certificate of Achievement



FS140

INDUSTRIAL FIRE FIGHTER – INTRODUCTION



At the conclusion of this two-day program, the successful student will have the basic knowledge and skills required to become a valuable member of an Incipient Level Fire Brigade. Course content consists of fire extinguisher theory and practical evolutions, and self-contained breathing apparatus (SCBA), theory and practical evolutions. Instruction on fire extinguishers involves live fire in controlled settings. The course is scheduled upon client request.

Credits:	1.0
Prerequisites:	None
Presentation:	2 days – Classroom lectures and field exercises
Location:	Maple Ridge Campus 604-462-1000
Certification:	Certificate of Achievement

FS141

INDUSTRIAL FIRE BRIGADE – INCIPIENT



Upon successful completion of this course the participant will have the knowledge and skills required to be a competent member of an Industrial Fire Brigade Response Team. The course content includes: identification of fire hazard considerations, local regulations and brigade organization, fire behavior and chemistry of fire, hose systems, safety principles, SCBA and PPE utilization, identification of storage container characteristics, search and rescue, fire detection and alarm system, ladders, salvage and overhaul. This course is accredited by IFSAC and ProBoard in conformance to NFPA 1081.

Credits:	2.5
Prerequisites:	FS125 Hazardous Materials Response-Awareness
Presentation:	5 days – Classroom lectures and field exercises
Location:	Maple Ridge Campus 604-462-1000
Certification:	Certificate of Achievement (Accredited)
Recommended Text:	Industrial Fire Brigade Training: Incipient Level
Course Dates:	Maple Ridge – Sept 10 - 14, Oct 15 - 19, Nov 19 - 23, 2007 Feb 4 - 8, Mar 31 - Apr 4, Sept 8 - 12, Oct 20 - 24, 2008 Kamloops – June 2 - 6, 2008



FS142

INDUSTRIAL FIRE BRIGADE – ADVANCED EXTERIOR



This course builds on the skills and knowledge acquired in Level I and provides the participant with exposure to fires of an increased complexity. Through exposure to hands-on scenarios, theory and practice, the learner will develop the ability to master advanced exterior fires as a member of the Industrial Fire Brigade Team. The course covers the apparatus, techniques, and tools required in an industrial setting for a fire of this nature. This course is accredited by IFSAC and ProBoard compliance to NFPA 1081.

Credits:	2.5
Prerequisites:	Industrial Fire Fighting – Level I that meets the requirements of Chapter 5 of NFPA 1081
Presentation:	5 days – Classroom lectures, field exercise and live fire training
Location:	Maple Ridge Campus 604-462-1000
Certification:	Certificate of Achievement (Accredited)
Course Dates:	Maple Ridge – Sept 17 - 21, Nov 26 - 30, 2007 Feb 11 - 15, Apr 7 - 11, June 9 - 13, Sept 15 - 19, Oct 27 - 31, 2008



revised FS143

INDUSTRIAL FIRE BRIGADE – INTERIOR STRUCTURAL



This course provides the student with the opportunity to advance the skills obtained in Levels I and II in order to safely mitigate a response to an interior structural fire. Through exposure to hands-on scenarios, theory and practice, the learner will develop the ability to master an interior structural fire as a member of the Industrial Fire Brigade Team. This course covers the apparatus, techniques, and tools required in an industrial setting for a fire of this nature. This course is accredited by IFSAC and ProBoard in compliance to NFPA 1081.

Credits:	2.5
Prerequisites:	Industrial Fire Fighting – Level II that meets the requirements of Chapter 6 of NFPA 1081
Presentation:	5 days – Classroom lectures, field exercise and live fire training
Location:	Maple Ridge Campus 604-462-1000
Certification:	Certificate of Achievement (Accredited)
Course Dates:	Maple Ridge – Sept 24 - 28, Dec 3 - 7, 2007 Feb 18 - 22, Apr 14 - 18, June 16 - 20, Sept 22 - 26, Nov 3 - 7, 2008



FS144

INDUSTRIAL FIRE BRIGADE LEADER



Upon successful completion of this five-day course the student will have the knowledge and skills required to effectively establish command, use Emergency Response Procedures and oversee the Emergency Response of an Industrial Fire Brigade. This course also explores the underlying management and leadership skills required by the team leader away from emergency situations. This course is accredited by IFSAC and ProBoard in compliance to NFPA 1081.

Credits:	2.5
Prerequisites:	Industrial Fire Fighting – Level III that meets the requirements of Chapter 7 of NFPA 1081
Presentation:	5 days – Classroom lectures, field exercise and live fire training
Location:	Maple Ridge Campus 604-462-1000
Certification:	Certificate of Achievement (Accredited)
Course Dates:	Maple Ridge – Dec 10 - 14, 2007, Feb 25 - 29, June 23 - 27, Nov 17 - 21, 2008



FS148

REFINERY FIRE FIGHTER – LEVEL I



A review of fire theory and behaviour, classes of fire, extinguisher use and plant emergency procedures is followed by field exercises with extinguisher or foam. Individual and team exercises are performed. A classroom review of BLEVE hazard is followed by field exercises on propane fires.

Credits:	0.5
Prerequisites:	Letter of recommendation from manager or supervisor
Presentation:	1 day – Classroom lecture and field exercises
Location:	Maple Ridge Campus 604-462-1000
Certification:	Record of Attendance

FS149
REFINERY FIRE FIGHTER – LEVEL II


A review of SCBA, ICS and team response to fires is followed by field exercises on propane, gasoline (flange fires) and diesel fires. Students use extinguishers, in-line foam, hoses and wheeled units while responding in full turnout gear (including SCBA). Opportunity is given for team leaders to control their members during exercises under the instructor's supervision. The course is scheduled upon client request.

Credits:	0.5
Prerequisites:	Refinery Fire Fighter – Level I
Presentation:	1 day – Classroom lecture and field exercises
Location:	Maple Ridge Campus 604-462-1000
Certification:	Record of Attendance

Fire Protection and Investigation Courses

new
FPIN150
FIRE CAUSE AND ORIGIN I


Learners will be introduced to the role and responsibilities of the fire investigator, examine legislative framework, legal and regulatory requirements and applicable standards. Learners will examine the basic methodology of fire investigations, fundamentals of fire science, fire scene safety and security, burn pattern analysis, evidence collection, documentation of the investigation and fire cause determination. This course is Part One of a three-part course designed to meet the National Fire Protection Association (NFPA) 1033 standard.

Credits:	1.5
Prerequisites:	None
Presentation:	3 days classroom
Location:	New Westminster Campus or client site 604-528-5657
Certification:	Certificate of Achievement
Course Dates:	Castlegar – Oct 19 - 21, 2007 JIBC New West – Jan 23 - 25, 2008 Penticton – Mar 3 - 5, 2008 Prince Rupert – May 23 - 25, 2008

new
FPIN175
FIRE CAUSE AND ORIGIN II


Learners will build on skills and knowledge developed in Fire Cause and Origin I (FPIN150). This course includes more hands-on practical skills development associated with fire investigation as required by the NFPA 1033 standard. Learners practice the organization and planning of a fire investigation, securing of a fire scene, and the preservation, collection, transportation and storage of evidence. They will also participate in a fire scene examination and prepare/present final investigation findings. This course is Part Two of a three-part course designed to meet the National Fire Protection Association (NFPA) 1033 standard.

Credits:	1.5
Prerequisites:	Fire Investigator I
Presentation:	3 days
Location:	Maple Ridge Campus or client site 604-462-1000
Certification:	Certificate of Achievement
Course Dates:	JIBC Maple Ridge – Sept 17 - 19, 2007 Kamloops – April 22 - 24, 2008

new

FPIN180

FIRE CAUSE AND ORIGIN III

Learners will gain knowledge and skills associated with major fire scene investigation and case management, liaising with police, coroner and crown, evidence analysis/testing methods/laboratory services, and the judicial system. This course is Part Two of a three-part course designed to meet the National Fire Protection Association (NFPA) 1033 standard.

Credits:	2.0
Certification:	Certificate of Achievement
Prerequisites:	Fire Cause and Origin II (FPIN175)
Presentation:	4 days
Location:	JIBC New West or client site 604-528-5657
Course Dates:	JIBC New West – Dec 3 - 6, 2007 Prince George – Apr 8 - 11, 2008

FIP100

FIRE INSPECTOR I

Learners will develop knowledge and skills to conduct thorough fire inspections, make assessments and prepare recommendations to ensure the risk of fire in a building is minimized. They will use applicable legislation, codes, standards and related data to make assessments and prepare recommendations. Upon successful completion of all three phases of the course: 6 days classroom instruction, 4 hour written exam, and practicum, students will receive a joint NFPA/JIBC certificate bearing an accreditation seal. This course conforms to the National Fire Protection Association (NFPA) 1031 standard.

Note: This course uses NFPA codes and standards



Credits:	3.0
Prerequisites:	High School Diploma
Presentation:	Classroom Format: 6 days
Location:	New Westminster Campus or client site 604-528-5657
Certification:	Certificate of Achievement (Accredited)
Course Dates:	JIBC New West – Sept 10 - 15, 2007 Port Alberni – Jan 28 - Feb 2, 2008

FIP200

FIRE INSPECTOR II

This course builds on skills and knowledge developed in Fire Inspector I (FIP100). Learners will conduct and process plan reviews and applications, investigate complex complaints, and conduct field inspections and evaluations of hazardous conditions. They will assess emergency access, storage and handling of hazardous materials to determine compliance with standards, identify deficiencies and make recommendations for medications. The course also covers field verifications of shop drawings, plans and construction documents to ensure that they meet applicable codes and standards for life safety. Upon successful completion of all three phases of the course, 6 days classroom instruction, 4 hour written exam, and or practicum students will receive a joint NFPA/JIBC certificate bearing an accreditation seal. This course conforms to the National Fire Protection Association (NFPA) 1031 standard.

Note: This course uses NFPA codes and standards



Credits:	3.0
Prerequisites:	Fire Inspector I (FIP100)
Presentation:	Classroom Format: 6 days
Location:	New Westminster Campus or client site 604-528-5657
Certification:	Certificate of Achievement (IFSAC Accredited)
Course Dates:	Prince George – Nov 26 - Dec 1, 2007 JIBC New West – Mar 3 - 8, 2008

FIP150

PLAN EXAMINER I



Learners augment the skills and knowledge gained in Fire Inspector I. Based on code requirements; they will conduct plan reviews, determine the adequacy of the plan, suggest modifications and recommend suggestions for approval. Learners will learn how to prepare and process related correspondence and report findings. Upon successful completion of all three phases of the course, 6 days classroom instruction, 4 hour written exam, and or practicum, students will receive a joint NFPA/JIBC certificate bearing an accreditation seal. This course conforms to the National Fire Protection Association (NFPA) 1031 standard.

Note: This course uses NFPA codes and standards.

Credits:	3.0
Prerequisites:	Fire Inspector I (FIP100)
Presentation:	Classroom Format: 6 days
Location:	New Westminster Campus or client site 604-528-5657
Certification:	Certificate of Achievement (Accredited)
Course Dates:	JIBC New West – Oct 15 - 20 , 2007 TBA Feb 4-9, 2007

FIP505 & 105

CERTIFIED PROFESSIONAL

This course covers detailed application of Divisions A, B and C of the 2006 BC Building Code and the 2007 Vancouver Building Bylaw, and requirements to operate as a Certified Professional in the City of Vancouver and other participating municipalities. There are two options for attending this course. Individuals can attend the Building Code part of the course only (19 sessions), or the full Certified Professional course (26 sessions).

To be eligible to practice as a Certified Professional, candidates must achieve a passing grade in the complete (26 session) course and be a “registered professional” as defined in the Building Code. A good working knowledge of Divisions A, B and C of the Code is a prerequisite to successfully participating in the course.

FIP 105 Certified Professional I (19 sessions)

Credits:	3.0
Presentation:	Classroom format - Thursday and alternate Tuesdays from 2pm until 6pm
Location:	New Westminster Campus 604-528-5657
Course Dates:	JIBC New West – Sept 20 - Dec 13, 2007

FIP 505 Certified Professional II and III (all 26 sessions)

Credits:	6.0
Presentation:	Classroom format - Thursday and alternate Tuesdays from 2pm until 6pm
Location:	New Westminster Campus 604-528-5657
Course Dates:	JIBC New West – Sept 20, 2007 - Mar 26, 2008

Instructor Courses

revised

F276

FIRE AND LIFE SAFETY EDUCATOR I



Students will gain knowledge and skills to deliver sound public education to their communities. Students will explore the myths and realities of fire, human behaviour during fire emergencies and strategies to effectively reach a variety of audiences. Methods of delivering fire and life safety education, selecting educational materials, working with the media and evaluating program success will also be covered.

Credits: 1.0

Prerequisites: Fire Service Instructor I is a co-requisite with this course and is required for full certification to NFPA 1035 Professional Qualifications for Fire & Life Safety Educator, chapter 5. Students without Fire Service Instructor I may take the course without certification and obtain a certificate of completion for the parts of the NFPA 1035 standard that are covered in this course.

Presentation: Classroom Format: 2 days plus course assignments

Location: New Westminster Campus or client site 604-528-5657

Certification: Certificate of Achievement (Accredited). When taken in combination with the Fire Service Instructor I, Fire and Life Safety Educator I meets the requirements of the National Fire Protection Association (NFPA) 1035 Standard. Based on the NFPA 1035 Standard, this course satisfies the requirements for accreditation by the IFSAC and ProBoard

Course Dates: JIBC New West – Nov 5 and 6, 2007
JIBC Victoria Campus – Oct 4 - 5, 2007
Prince Rupert – Mar 8 and 9, 2008
JIBC New West – Apr 14 and 15, 2008



new

F215

FIRE AND LIFE SAFETY EDUCATOR II/III



Building on skills and knowledge developed in Fire & Life Safety Educator Level I, this course is designed to enhance students' ability to create, administer and evaluate educational programs and information to meet identified community needs. Learners will establish priorities through data analysis, design an education program, and prepare budgets and policies, and evaluation strategies as they relate to that program.

Credits: 3.0

Prerequisites: Fire and Life Safety Educator I

Presentation: Classroom format: 3 days plus extensive pre and post course assignments

Location: New Westminster Campus or client site 604-528-5657

Certification: Certificate of achievement

Course Dates: JIBC New West – Nov 19 - 21 2007
Kamloops – Feb 11 - 13, 2008



new FC175

CHILD PASSENGER SAFETY TECHNICIAN



Increasing the safety of children in vehicles can reduce the risk of injury and death by up to 85%! The Child Passenger Safety Technician Certification Program prepares and certifies participants to provide child car seat education services to the public including inspection clinics, enforcement initiatives, information sessions and public awareness campaigns.

Credits:	1.0
Prerequisites:	None
Presentation:	Classroom format: 2 days
Certification:	Certificate of Achievement
Course Dates:	Richmond – Nov 14 - 15, 2007 Kelowna – Mar 26 - 27, 2008

S101

FIRE SERVICE INSTRUCTOR I



This course will introduce the student to the techniques required to deliver a course from a prepared lesson plan. Students will be exposed to training aids, evaluation instruments and methods of establishing a proper learning environment. Students will also explore record keeping techniques. This course is accredited to NFPA 1041 Standard for Fire Service Instructor Professional Qualification, Chapter 4. Upon completion of this course, the student will be presented with an IFSAC and ProBoard Certificate of Completion.



Credits:	1.0
Prerequisites:	None
Presentation:	Classroom format: 3 days plus pre-course assignment and practical skills evaluation
Certification:	Certificate of Achievement (Accredited)
Course Dates:	Terrace – Sept 7 - 9, 2007 Fort St John – Sept 28 - 30, 2007 Surrey Fire Training Centre – Oct 16, 17 and 18, 2007 JIBC New West – Apr 30, May 1 and 2, 2008

S102

FIRE SERVICE INSTRUCTOR II



This course exposes the student to the scheduling, budget, records and reports, and instructor evaluation requirements of a Training Officer. Fire Service Instructor II will explore the elements of instructional development, delivery, course evaluations and test analysis. This course is accredited NFPA 1041 Standard for Fire Service Instructor Professional Qualification, Chapter 5. Upon completion of this course, the student will receive a Certificate of Completion with IFSAC and ProBoard seals.



Credits:	1.0
Prerequisites:	Fire Service Instructor I
Presentation:	Classroom format: 3 days plus a pre-course assignment and practical skills evaluation
Certification:	Certificate of Achievement (Accredited)
Course Dates:	NW Campus (1 day)/Surrey Fire Training Centre (2 days) – Nov 21, 22 and 23, 2007 Lower Mainland – Feb 13, 14 and 15, 2008

Note: The Fire & Safety Division encourages fire departments to host the Fire Service Instructor Courses. Please contact the Fire & Safety Division at 604-528-5657 for procedures on hosting this course.

Technical Rescue Courses

FS165

CONFINED SPACE RESCUE – AWARENESS



Using a combination of classroom discussion and skill-based training, participants will develop the ability to initiate and conduct non-entry confined space rescue. Participants will gain insight into hazard identification, assessment and control, incident response, regulatory requirements for entry and rescue, first responders' roles and responsibilities, and limitations of standard and specialized confined space equipment. This course meets the training requirements for basic and general entry operations as determined by the WorkSafeBC of BC.

Credits:	0.5
Prerequisites:	None
Presentation:	1 day – Classroom lecture and field exercises
Location:	Maple Ridge Campus or client site 604-462-1000
Certification:	Certificate of Achievement
Course Dates:	Maple Ridge – Sept 24, Oct 22, Nov 26, 2007 Jan 14, Feb 4, Mar 3, Apr 28, June 9, July 7, Sept 29, Nov 3, Dec 1, 2008 Kamloops – May 5, 2008

FS166

CONFINED SPACE RESCUE – OPERATIONS



Utilizing a systematic approach to the rescue process, participants will gain the skills and knowledge to conduct rope-based rescue operations in a variety of confined space environments. To that end the mechanics of rope-based rescue systems will be explored emphasizing the selection, construction, proper use, and limitations of these systems in the industrial environment. In addition participants will gain practical experience and insight in the use of communication systems, technical resource material, patient packaging devices, atmospheric monitoring equipment, air sampling strategies, and strategies/tactics for successful emergency entry operations.

Credits:	2.0
Prerequisites:	Confined Space – Awareness
Presentation:	4 days – Classroom lecture and field exercises
Location:	Annacis Island, Coquitlam or client site 604-462-1000
Certification:	Certificate of Achievement
Course Dates:	Annacis Island – Sept 25 - 28, Oct 23 - 26, Oct 31 - Nov 2, Nov 27 - 30, 2007, Jan 15 - 18, Feb 5 - 8, Mar 4 - 7, Apr 29 - May 2, June 10 - 13, July 8 - 11, Sept 30 - Oct 3, Nov 4 - 7, Dec 2 - 5, 2008 Kamloops – May 6 - 9, 2008



FS167

CONFINED SPACE RESCUE – TECHNICIAN



Participants will acquire the skills and knowledge to safely and effectively coordinate, perform, and supervise a technical confined space rescue incident. Advanced concepts in incident command, rescue strategies and tactics, site management, team leadership, hazard mitigation, equipment and resource management, information gathering and utilization, advanced rescue techniques, technical rescue pre-planning and rescue scene management and termination will be explored and developed by the end of this course.

Credits:	2.0
Prerequisites:	Confined Space-Operations. It is suggested that the participant also have Technical High Angle Rope Rescue-Operations and Hazardous Materials Awareness.
Presentation:	4 days – Classroom lecture and field exercises
Location:	Annacis Island, Coquitlam or client site 604-462-1000
Certification:	Certificate of Achievement (Accredited)
Course Dates:	Annacis Island – Oct 2 - 5, Dec 4 - 7, 2007, Mar 11 - 14, June 16 - 20, July 14 - 18, Oct 6 - 9, Nov 17 - 20, Dec 9 - 12, 2008 Kamloops – May 20 - 23, 2008

NOTE: IFSAC and ProBoard accreditation to NFPA 1006 Confined Space Rescue will be issued upon completion of Technician level.

CONFINED SPACE RESCUE – REFRESHER



This challenging two-day course is designed for students from industry and the fire service. Upon completion of the course students will be competent in all aspects of all equipment and procedures to properly effect a confined space rescue. The course is designed for students who have a basic understanding of atmospheric monitoring, industrial hygiene, and rope rescue techniques. The first day includes confined space awareness, hazard assessments and responsibilities, basic rope rescue procedures, victim packaging, atmospheric monitoring, SCBA and supplied air respirator training. On the second day students will apply the techniques and skills acquired from day one in vertical and horizontal confined space rescue scenarios. This course is also recommended as a refresher for students who require annual skills maintenance training as per WorkSafeBC. The course is scheduled upon client request.

Credits:	1.0
Prerequisites:	Accredited Confined Space Rescue – Operations
Presentation:	2 days – Classroom lectures and field exercises
Location:	Annacis Island or client site 604-462-1000
Certification:	Certificate of Achievement

FS070

FALL PROTECTION



This one-day course trains students in the fundamentals of fall protection and the safe use and limitations of personal fall protection equipment. Other areas covered include fall restraint and fall arrest anchor points, safety belts, harnesses and lanyards, and lifelines. This course has been designed in accordance with WorkSafeBC Regulations. The course is scheduled upon client request.

Credits:	0.5
Prerequisites:	None
Presentation:	1 day – Classroom lecture
Location:	Maple Ridge Campus or client site 604-462-1000
Certification:	Certificate of Achievement

FS150

TECHNICAL HIGH ANGLE ROPE RESCUE – AWARENESS

This course will standardize embankment rescue and provide the foundation skills for students who would like to move into the operations and technician level courses. The course includes: ropes and knots, equipment familiarization, basic anchoring and rigging systems, rappelling, patient packaging and low angle/embankment rescue scenarios. The course consists of both classroom and field instruction. Students will be given a written and practical evaluation. Successful candidates will be certified to low angle technical rope rescue.

Credits:	1.5
Prerequisites:	None
Presentation:	3 days – Classroom lectures and practical exercises
Location:	Maple Ridge Campus or client site 604-462-1000
Certification:	Certificate of Achievement
Course Dates:	Maple Ridge – Sept 5 - 7, Nov 2 - 4, Nov 6 - 8, 2007, Feb 13 - 15, Mar 26 - 28, July 2 - 4, Sept 3 - 5, Nov 12 - 14, 2008 Kelowna – Apr 28 - 30, 2008

FS151

TECHNICAL HIGH ANGLE ROPE RESCUE – OPERATIONS

The operations level will include team-building roles and responsibilities, ascending and descending, line transfers, victim packaging, lowering systems, mechanical advantage systems, raising systems and team scenarios. Students will operate as an integral part of a team environment and will be directed and monitored by instructors acting as team leaders. Students will be given a written and practical evaluation.

Credits:	2.0
Prerequisites:	Technical High Angle Rope Rescue – Awareness Level
Presentation:	4 days – Classroom lecture and practical exercises
Location:	Maple Ridge Campus or client site 604-462-1000
Certification:	Certificate of Achievement
Course Dates:	Maple Ridge – Sept 11 - 14, Nov 13 - 16, 2007 Feb 19 - 22, Apr 8 - 11, Sept 8 - 11, Nov 17 - 20, 2008 Kelowna – May 12 - 15, 2008

FS152

TECHNICAL HIGH ANGLE ROPE RESCUE – TECHNICIAN

The technician level will require students to demonstrate skills, knowledge and techniques for hazard recognition, equipment use and procedures necessary to safely and effectively coordinate, perform and supervise a technical rescue incident in the high angle environment. The course consists mainly of field instruction and includes advanced anchoring systems, compound/complex mechanical advantage systems, line transfers, knot passing, highlines and a variety of technical scenarios. Students will be given a written and practical evaluation.

Credits:	2.0
Prerequisites:	Technical High Angle Rope Rescue Operations
Presentation:	4 days – Classroom lecture and practical exercises
Location:	Maple Ridge Campus or client site 604-462-1000
Certification:	Certificate of Achievement (Accredited)
Course Dates:	Maple Ridge – Sept 18 - 21, Nov 20 - 23, 2007 Maple Ridge – Feb 25 - 28, Apr 15 - 18, May 26 - 29, Sept 15 - 18, Nov 24 - 27, 2008



NOTE: IFSAC and ProBoard accreditation to NFPA 1006 Rope Rescue will be issued upon completion of Technician level.



FS155

INDUSTRIAL/HIGH ANGLE ROPE RESCUE



This hands-on course provides the student with the skills and knowledge to act as a rescuer at a site where a tower crane is in use. Tower crane components, specialized technical rescue equipment and systems are covered in this course. Training occurs mostly in the field and consists of a variety of scenarios upon which proficiency evaluations are based.

Credits:	1.5
Prerequisites:	Accredited Technical High Angle Rope Rescue - Technician Level
Presentation:	3 days – Classroom lecture and practical exercises
Location:	Maple Ridge Campus or client site 604-462-1000
Certification:	Certificate of Achievement
Course Dates:	Maple Ridge – Sept 28 - 30, Nov 30 - Dec 2, 2007, Mar 7 - 9, Apr 25 - 27, June 20 - 22, Sept 26 - 28, Dec 5 - 7, 2008

FS156

TOWER CRANE REFRESHER



This two-day refresher course includes a review of tower crane components, technical rescue equipment and systems. Training occurs mostly in the field and consists of a variety of scenarios upon which proficiency evaluations are based. Students will be challenged to develop and command their own scenarios. Students will be given both a written and a proficiency evaluation.

Credits:	1.0
Prerequisites:	Accredited Technical High Angle Rope Rescue - Technician Level
Presentation:	2 days – Classroom lecture and practical exercises
Location:	Maple Ridge Campus or regional locations 604-462-1000
Certification:	Certificate of Achievement
Course Dates:	Maple Ridge – Oct 13 - 14, 2007 Mar 29 - 30, May 3 - 4, Oct 11 - 12, 2008

General Courses

BASIC ORIENTATION FOR NEW DEPARTMENTS



This course is designed to assist new volunteer fire departments in establishing safe and effective practices and procedures. Basic instruction is given on subjects including fire behaviour, self-contained breathing apparatus, hose and nozzle handling, pumps and water supplies, search techniques, and fire ground organization. Local fire department equipment and resources are used. The course is available to newly formed volunteer fire departments who have been recognized by the Office of the Fire Commissioner and have been issued a fire department code. Fire departments that are newly reorganized or have a large number of new recruits may also find this course of interest. A minimum equipment list is required to conduct the course:

continued on page 63



- ULC rated pumper (minimum 420 IGPM);
- Capability to supply pumper capacity either from an in-ground water system or a portable water system;
- 2 1/2" attack lines with at least two constant flow nozzles;
- 1 1/2" attack lines with at least two constant flow nozzles;
- Adequate self-contained breathing apparatus to satisfy WorkSafeBC requirements (at least four complete units with four spare cylinders);
- Approved personal protective equipment for 10 fire fighters;
- Call-out system to alert the fire department in the event of an emergency.

Credits:	None
Prerequisites:	None
Presentation:	2.5 days – Classroom sessions and practical exercises
Location:	Local fire department 604-528-5657

FS188

EMPLOYABILITY SKILLS



This course will provide exposure to potential interview scenarios as well as guidelines for resume preparation and writing. Through role-playing activities, interview questions and responses will be explored to allow the student to practice the skills necessary to be successful in a face-to-face interview situation. Participants will have an opportunity to develop a completed, personal resume and obtain a basic understanding of the skills required to prepare for an interview. The participant will have been exposed to the philosophy of a fire officer who is responsible for recruitment and hiring. *This course is an elective only for students in the Industrial Emergency Responder Certificate Program.*

Credits:	0.5
Prerequisites:	None
Presentation:	Classroom
Location:	Maple Ridge Campus 604-462-1000
Certification:	Record of Attendance

Also of Interest

CENTRE FOR CONFLICT RESOLUTION



Got Conflict? We can help. Courses offered at the Justice Institute of BC Centre for Conflict Resolution give you practical, hands-on tools to help you advance your career and give you a competitive edge in dealing with others. These courses are exceptional and provide great value for money. All courses are dynamic and interactive, with small class sizes and excellent student/instructor ratios, resulting in one-on-one personal development.

To find out more about the Centre for Conflict Resolution and the courses that we offer, check out our website www.jjbc.bc.ca/ccr or call us at 1-888-799-0801

CENTRE FOR CONFLICT RESOLUTION AND CENTRE FOR LEADERSHIP



Critical Incident Stress Management

The CISM Certificate program is offered through the Centre for Conflict Resolution and Centre for Leadership at the Justice Institute of BC. This program is recommended for individuals who may be required to effectively manage critical incidents as well as to protect the emotional health and safety of those involved in a traumatic event. This program will be of specific interest to first line trauma responders such as firefighters, paramedics, crisis intervention workers and victim services workers.

This newly revised program consists of two blocks of training offered in one to three-day seminar formats. There are twelve days of classroom training.

Block 1 combines knowledge of critical incident stress and trauma management with the skills necessary to participate in a critical incident stress intervention. At the completion of Block One, participants will receive a Letter of Acknowledgement verifying the hours completed and courses attended.

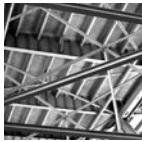
Block 2 is specifically aimed at giving participants a broad range of knowledge and understanding of the diverse field of CIS and trauma management. Students must pass a written exam and an evaluation of their abilities upon completion of Block 2. With the successful completion of Block Two requirements, participants will receive a Certificate of Achievement for Blocks One and Two.

The Justice Institute of BC has received accreditation from the Association of Traumatic Stress Specialists. All instructors within the program are certified trauma specialists. For more information, please contact:

Centre for Conflict Resolution and Centre for Leadership
 Phone: 604-528-5608
 Fax: 604-528-5640
 Toll free 1-888-799-0801

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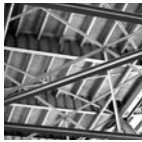
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Fire & Safety Division

Training Materials Order Form

Justice Institute of British Columbia
Fire & Safety Division
715 McBride Boulevard
New Westminster, BC V3L 5T4
604-528-5657 Fax: 604-528-5660
E-mail: fireacademy@jibc.ca

Date of Request: _____

Request Taken By: _____

Program: _____

Shipping Address: _____ Billing Address: _____

Attention: _____ Attention: _____

Telephone: _____ Fax: _____

ITEM TITLE/DESCRIPTION	QUANTITY	ITEM COST	TOTAL
Departments who are members of the BC Training Officers' Association are eligible for a 10% discount on Manuals and curriculum packages. Please allow three to four weeks delivery. Courier orders are at the expense of the department. Orders are shipped by regular mail and the cost for shipment is included in the price. Signature (If Required) _____	Sub Total:		
	Training Officers' Discount:		
	Sub Total:		
	GST:		
	Total Payable:		

METHOD OF PAYMENT			
Cheque: <input type="checkbox"/>	Cheque#:	Amount:	
Credit Card: <input type="checkbox"/>	Card Type:	Expiry:	
	Card Holders Name:	Amount:	
	Card Number:		
Cash: <input type="checkbox"/>	Received By:	Amount:	
Other: <input type="checkbox"/>		Amount:	

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JUSTICE INSTITUTE
of **BRITISH COLUMBIA**

Innovative education and training for those who make communities safe

Fire & Safety Division

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