

FIRE & SAFETY DIVISION NEWS



New Fire Fighter Training Program launched

Geared by changing needs of participating departments, and concerns about the Employment Standards legislation, a Task Force was initiated to review the Fire Fighter Recruit Programs' screening and entrance requirements.

In June 1997, the Task Force comprised of key client fire departments met for the first time. Over the following months the Task Force reviewed the existing JI Recruit Program screening and entrance requirements and found that as it was structured, it no longer met their departments' needs and may indeed leave them exposed to liabilities under the Employment Standard Act.

The major change to the program is that the Fire & Safety Division will be responsible for the selection of students into the program. The students would apply for the Fire Fighter Training Program as they would for any other post secondary education program. Upon completion of the program, students will receive certification to the BC Fire Fighter Standard, Fire Fighter II and would apply and compete for fire fighter vacancies as they occur.

Our client departments have agreed to make completion of the BC Fire Fighter Standard to Fire Fighter II level a mandatory pre-requisite entrance requirement. The departments will be responsible for their own selection process prior to hiring.

Implementation of the new program began December 1997. Eighteen students were admitted into the January 26 program. Twenty students will be admitted into the March 16 program.

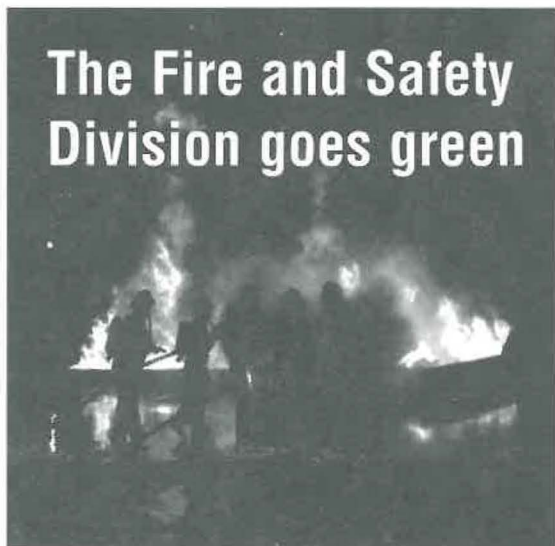
It must be noted that these changes do not effect departments that choose to sponsor their own candidates through the program.

Call Marianne Gottfried at (604) 528-5664 should you have any comments or inquires regarding the changes.

*If you don't change your direction,
you are liable to end up
where you are headed.*



The Fire and Safety Division goes green



The Fire and Safety Division live fire training has switched from using diesel as the training fuel to a state of the art training fuel called "TekFlame".

TekFlame is produced by Exxon. It is a new, highly refined hydrocarbon-based fuel. With TekFlame's unique chemistry, it generates significantly less smoke during fire training burns than our conventional diesel fuel. The smoke that is generated by TekFlame dissipates rapidly, usually in less than 100 meters, as compared to smoke generated by diesel that can be carried for miles.

Another significant benefit of TekFlame is the health issue to students and instructors. A very high percentage of carcinogens found in diesel fuel has been refined out of TekFlame. This significantly reduces the exposure risk to staff, students and the community at large.

IFSTA Distributor's Conference

Fire Protection Publications

Stillwater, Oklahoma

October 21-23, 1998

Pat Abercrombie attended the conference on behalf of the Justice Institute Fire & Safety Division. It was a great opportunity to meet the people dealt with on an almost daily basis and to see exactly how the training material is put together.

Susan Walker, instructional development coordinator, announced that "The Essentials of Fire Fighting, 4th Edition" is scheduled to be completed and ready for purchase by mid-March. The new curriculum will be divided into Fire Fighter I and Fire Fighter II sections. The package of the Essentials Curriculum will be different. There will be loose-leaf Essentials and these will be called the Instructor Essentials. The Essentials 3rd Edition will be available until the stock runs out.

The Essentials of Fire Fighting 3rd Edition student packages will be available and can be used for training for at least 18 months.

Software

Fire Protection Publications is looking into the possibility of putting the Essentials of Fire fighting on a CD. For departments with computer hardware this could cut the cost of training considerably.

Reminder: Departments who are members of the B.C. Training Officers Association receive a 15% discount on IFSTA materials (videos not included).

Justice Institute Foundation Gala: An evening you don't want to miss

Friday, March 13th, 6:45 PM: Free valet parking greets you as you pull up to the main doors of the Justice Institute of British Columbia in New Westminster. As you and your partner walk along the red carpet leading to the reception, you know that a very special evening is beginning... an evening of "BRAVO!"

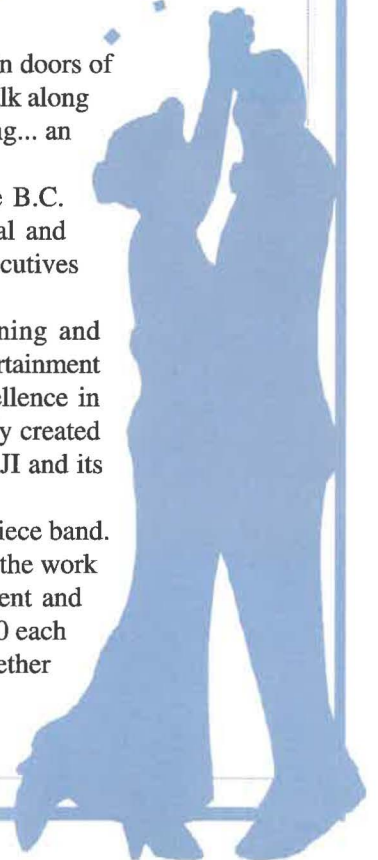
You socialize with your friends and colleagues, representing the people who make B.C. communities safe and secure places to live. You have the opportunity to meet Federal and provincial politicians, lower mainland Mayors, Councillors, Fire Chiefs, business executives and other community leaders.

Trumpeters lead you to the JI gym, transformed into a warm and attractive dining and entertainment venue. For the next few hours you are treated to delicious food, wine and entertainment that will make your spirit soar. You are present as the JI Foundation Medals for excellence in Justice and Safety are presented. The Anthony Pantages Medal for Justice and the newly created Joe Cohen Medal for Safety. Other special presentations are made and the work of the JI and its Academies and Divisions highlighted.

The evening is complete as you dance with that special person, to the music of a 12-piece band.

It's a magical evening with a purpose! The net proceeds from the event go to support the work of the JI Foundation – scholarships for deserving JI students, special training equipment and general support of the JI. You and your colleagues will want to be there. Tickets are \$100 each with a portion tax deductible. Only 40 tables (of 10) are available so get your group together and reserve your table. This is an evening you don't want to miss!

Call Art Perret at 528-5582 for tickets.



Fire Service personnel undertake new leadership program

Four members of the fire service are busy working on a university degree these days that is designed to hone their leadership skills. The four brave souls, who continue to work full time while completing their degrees, plunged into their studies on January 8th along with eighteen other students from various Justice and Public Safety organizations. Upon successful completion of three years of part time study, they will obtain a Simon Fraser University Bachelor of General Studies degree – Integrated Studies, with a focus on Justice and Public Safety Leadership.

So what motivated these four individuals to make this kind of commitment?

"I wanted to develop the necessary skills and knowledge to become an effective leader in my organization and better prepare myself for the ever increasing changes and challenges we are going to face in public safety in the future," says Karen White of Richmond Fire and Rescue.

John Vokes, Director of Fire and Safety Division at the Justice Institute, was attracted to the program because, "like most people who have worked in the public sector, I had taken many courses and certificate programs which were specific to tasks related to a position. The Leadership Development Program has provided a means of having this prior learning recognized. As a result, I am able to realize an education goal by fast-tracking completion of a degree on a part time basis."

Deputy Fire Commissioner Grant Lupton told us that, "the program provides the opportunity to pursue on a part time basis, an academic course of studies specifically related to justice and public safety. This is specially attractive to those of us who have come up through the ranks and not had the opportunity to attend university full time. The part time nature and integrated structure of the program is what appealed to me most, as I have been pursuing a degree through evening courses and it is such a long process."

Stephen Gamble, Assistant Fire Chief, Port Coquitlam/Rescue, echoed Karen White's comments when he stated, "I looked at other leadership courses offered at other institutions and I feel that the Leadership Development Program being offered at the Justice Institute of B.C. in partnership with Simon Fraser University will help prepare me for the challenges in the future."

Does this sound like something that could work for you?

Fast tracking, part time studies, development of leadership skills, and the ultimate obtainment of a university degree in a clearly defined and structured three year program that allows you to work full time while completing your studies; not to mention the great network of contacts you are going to develop while doing this – the Leadership Development Program has been tailor made for the busy justice and public safety professional.

In the coming decades, leaders in the fields of justice and public safety are certain to face unprecedented challenges which require innovative and visionary solutions. The success a leader attains in tackling these problems will be directly related to the training he or she receives. The Justice Institute of B.C. and Simon Fraser University have created this unique Leadership Development Program in response to this need.

For further information on the Program, including future offerings, please contact:

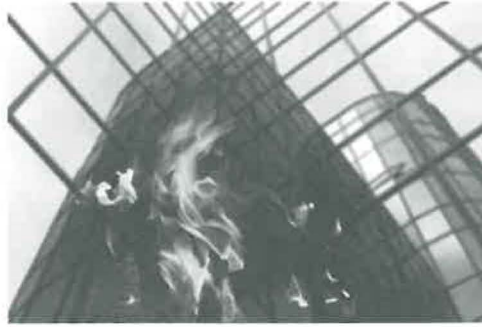
Pat Lawrence, Coordinator
Centre for Leadership Development
Justice Institute of B.C.
Tel: 528-5569
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E-mail: plawrence@jibc.bc.ca

*"the
program
provides the
opportunity
to pursue
on a part
time basis,
an academic
course of
studies
specifically
related to
justice and
public
safety"*

New JI website up and running

After months of consultation, planning and revisions, the new JI website is now online. The site has four basic functions. First, it is a *virtual brochure*, designed to promote the JI and explain what we do. Second, it is a *virtual desk*, where information can be obtained about registration, how to get there, special services such as accommodations, and handicapped access. Third, it will increasingly become a *virtual library*, where people can obtain access to catalogues and publications, articles, links to other databases, newsletters, legislation and other information. Finally, it will become a *virtual classroom*, where Internet-based or Internet-supported courses will be provided, along with opportunities for communication and collaboration among student, faculty and client communities. The website is a living entity, which will grow and evolve to meet the changing needs of the many people we serve. Please check it out at <http://www.jibc.bc.ca>. We look forward to hearing from you.

NFPA Automatic Sprinkler Seminar given top marks



Fifty-three (53) representatives from the fire service, engineering/consulting companies, insurance industry, maintenance and operations companies, building and plumbing code enforcement agencies and industry representatives attended the three day seminar which was presented by the National Fire Protection Association.

The first two days of the seminar focused on the design and installation of sprinkler systems as addressed in NFPA 13, while day three dealt with inspection, maintenance and testing of water-based systems as per NFPA 25. Throughout the instruction, it was recognized that in many instances, Canada uses its own Building Code as well as ULC standards as referenced in legislation, although there is a close relationship between the NFPA and the ULC standards.

Instructor John Jensen and Jerry Schultz walked the class through the technical material with a good mix of examples, practical applications and visual aids, which led to ease of understanding at all levels of students in the class.

It is noteworthy that this is the first time to our knowledge that NFPA has offered this program outside of the United States and the first time that they have teamed with another agency in the promotion of their programs. Based on feedback gathered from the students at the end of the seminar, the expectations of the students were more than met and many indicated that they would look forward to other NFPA offerings of the same high calibre.

To this end, the Justice Institute, Fire and Safety Division is currently in discussions with NFPA to bring their NFPA Fire Alarm Workshop to the

Vancouver area in October of this year. We are also hopeful of bringing NFPA's Case Study Workshops on fire investigations to this area in the future. If there are other NFPA programs which you would like to see offered in British Columbia, let us know.

Staff from NFPA and the Fire and Safety Division acknowledge and thank Ian Stronach of Alcan Aluminium who is a member of NFPA's Standards Council from Montreal, and Wayne McLeod of B.C. Hydro, a member of NFPA's Member Advisory Council, for their efforts in bringing this presentation to a Canadian venue.



The FIRE AND SAFETY DIVISION NEWS is published by the Fire and Safety Division, Justice Institute of British Columbia, 715 McBride Boulevard, New Westminster, B.C. V3L 5T4. Telephone 528-5657, fax 528-5660.

John B. Vokes, Publisher
Pat Abercrombie, Editor

People News...

DAN MURPHY was the successful candidate for the position of Manager, Maple Ridge Campus. Dan was co-manager responsible for Operations at that site for the past three and a half years.

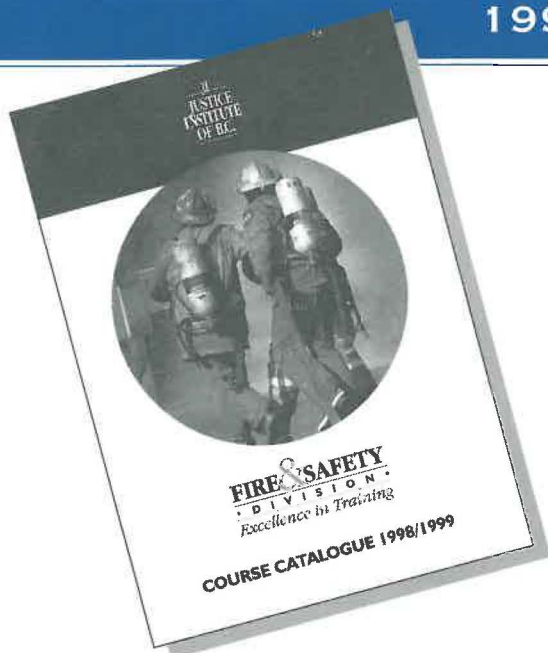
ROBERT (BOB) GATES is the successful candidate for the position of Assistant Manager at the Maple Ridge Campus. Bob will begin his duties on March 2nd and brings with him many years of experience in hazardous materials and emergency response in industrial settings. He will be a welcome addition to the Maple Ridge team. We welcome and wish Bob every success.

JOHN LEWIS, co-manager responsible for Marketing and Development of the Maple Ridge Campus left the Justice Institute on December 18th to pursue other opportunities. We wish John every success in his future endeavor.

It is with great sadness that we acknowledge the passing of **Fire Chief BOB PATTERSON** of 100 Mile House Fire Department. Bob met an untimely death in a motor vehicle accident in the line of duty while enroute to a rescue call. Bob joined the 100 Mile Fire Department in 1965 and became chief in 1969. Our sympathy is extended to those that succeed him as well as members of the 100 Mile Fire Department.

We are also saddened with the news that **DAN SANTANO**, retired fire chief from Nakusp passed away in early January. Dan had served with the Nakusp Fire Department for 40 years, twenty five of which were as fire chief. In addition to being self-employed, Dan was devoted to the volunteer fire department and was involved as a wildlife conservationist. Our sympathy goes out to his wife Margaret, who resides in Kelowna.

ANDY HUTCHINS retired from the position of Fire Chief for Maple Bay in December of 1997. Andy was an active member of the Fire and Safety Division's Standard and Curriculum Committee representing the Volunteer Section of the Fire Chiefs Association. We wish Andy every success in his future endeavor and express our appreciation for his dedication to resolving issues which impact the volunteer fire service.



All other programs offered by the Fire & Safety Division are available upon request (see the Fire & Safety Division Catalogue). For more information, please call the New Westminster Campus (604) 528-5657 or the Maple Ridge Campus (604) 462-1000.

Basic Forest Fire Suppression and Safety Course

BCFS S-100

Please note that this program is portable and may be held in your community upon request.

The Fire & Safety Division is pleased to announce it will now offer the Basic Forest Fire Suppression and Safety Course. This two (2) day, Basic Forest Fire Suppression and Safety course has been designed to serve two (2) primary functions:

1. To meet the training requirements of the Forest Practices Code, Forest Fire Prevention and Suppression Regulation, and Workers Compensation Board, for those who work in the Forests of British Columbia.
2. To meet the training requirements of people who are seeking employment or who are temporarily hired by the BC Ministry of Forests as fire fighters. This is the basic course for all forest fire fighters.

To register, contact 528-5590.

Fee: \$245

Dates:	February 16-17, 1998	March 2-3, 1998
	March 30-31, 1998	April 13-14, 1998
	April 27-28, 1998	May 11-12, 1998

In addition to the above, we are also offering the following Basic Forest Fire Suppression and Safety Course (BCFS S-100) variants.

Basic Forest Fire Refresher

(S-100 Refresher)

A one (1) day course for personnel who have taken and passed the S-100 in previous years. This course highlights key fire behavior aspects, safety, and equipment procedures. The day concludes with a brief field session on pump operation and hose-lays. Students will be provided a set of review questions for use during the course. Maximum class size is 20.

To register, contact 528-5590.

Fee: \$150

Dates:	February 20, 1998	March 27, 1998
	April 17, 1998	May 15, 1998

Basic Forest Fire: Train the Trainer

(S-100 Trainer)

A three (3) day course specifically designed for BC coastal forest industry operations; approved by the Training Manager of the BC Forest Service Protection Program in February 1997. This expanded version of the S-100 demands more study time than the basic course, participants will be required to complete pre-course reading. The objective is to achieve advanced levels of understanding in both fire behaviour prediction and the use of water delivery systems. Also included in this program is a review of classroom management and training techniques.

Contact Dan Murphy at 462-1000 to arrange training dates and fees.

Fee: Contract

Basic Forest Fire Special

(S-100 Special)

A multitude of disciplines operating in British Columbia's forest lands are required to pass the Basic Forest Fire Suppression and Safety Course ranging from: silviculture, logging, road building and recreation trail construction to mine exploration, hydro line construction and maintenance, etc... The S-100 information can be customized to meet the needs of a variety of audiences, emphasizing provincial regulations, responsibilities, tools on hand, and safety aspects as they relate to specific operations.

For information, contact 462-1000.

Fee: \$245

Important changes to course information:

Industrial Fire Fighting Level II

Level II - Complete:	5 days	\$925.00	
Level II - ICS:	3 days	\$375.00	(portable)
Level II - Live Fire:	3 days	\$575.00	

Emergency Vehicle Operations

Driving, operating and maintaining fire suppression pumping apparatus is an integral function of fire suppression response. The Fire & Safety Division is pleased to announce the development of the Emergency Vehicle Operation (EVO) training package. This package is a very detailed and cost effective program that meets or exceeds NFPA 1002 Chapters 1, 2 & 3 and the BCFF Driver Operator Standard.

The EVO program consists of an Instructor's Guide and Student Workbook. The program is designed to be delivered in-house by your instructional staff. There are 5 modules in the EVO program:

- MODULE 1: Preventative Maintenance
- MODULE 2: Vehicle Maneuvering Skills
- MODULE 3: Driving/Operating
- MODULE 4: Water Supplies
- MODULE 5: Pump Operation

The package also comes complete with all practical checklists used by the Fire & Safety Division in the final evaluation.

As a guideline, the program consists of approximately 40 hours structured instructional time. The student will be required to complete approximately 30-40 hours of additional self study time.

Written exams and practical evaluation will be conducted by the Fire & Safety Division on a cost recovery basis.

Cost of the training package is \$50 for the instructor guide and \$50 registration fee for each student, which includes a student work book.

In addition to the EVO program, the Fire & Safety Division will also conduct a Train the Trainer program (upon request only).



The EVO package can be purchased through the Fire & Safety Division 604-528-5657.

If you require further information on the program itself, please contact the Fire & Safety Training Centre at 604-462-1000.

Incident Safety Officer Academy hosted by the JI

The Fire and Safety Division is acting as host to the **Incident Safety Officer Academy**, which is being presented by the Fire Department Safety Officers Association on May 2 & 3, 1998 at the Justice Institute, New Westminster Campus. This is a 16-hour course designed to improve a fire officer's effectiveness in his role as an Incident

Safety Officer (ISO). This course will cover the knowledge and experience elements of an effective ISO and give participants situation exercises and scenario practice.

Course highlights will include:

- Update on Incident Safety Officers Issues and Trends
- In-depth, "Nuts and Bolts"
- PPE & Accountability Systems that work
- ICS and ICS Dysfunction
- Post Incident Analysis
- Realistic Approach to ISO duties
- Over a dozen video clips, scenarios and group activities

Registration fee \$395.00 USD;

FDSOA Members \$295.00 USD

For more information and to register, please contact the Fire Department Safety Officer Association at (508) 881-3114 or FDSOA, P.O. Box 149, Ashland, MA. 01721-0149.

Is there a void in your Confined Space training?

In April of this year the new Workers Compensation Board Regulations governing entry and rescue in confined space will come into effect. The JIBC Fire and Safety Division, in partnership with Canadian Airlines, offers a four (4) day course which meets these requirements. You can come to us or we can go to you. If you have a specialised need, we can tailor a program to meet those needs. See page 20 of our 1998/99 catalogue.

STAFF LISTING: FIRE & SAFETY DIVISION

John B. Vokes 528-5666
Director, Fire and Safety Division: responsible for overseeing the New Westminster campus (Fire Academy) and the Maple Ridge campus (Fire & Safety Training Centre).

Pat Abercrombie 528-5670
Supervisor – Administrative Services, Fire & Safety Division: Office Manager, assistant to the Director of the Fire & Safety Division and to the Deputy Director of the Fire Academy.

New Westminster Campus (Fire Academy)

Robert W. Aldcorn 528-5671
Manager, Fire Academy: responsible for the Recruit Program and most recently the development of the Fire Officer I and Fire Officer II programs.

Stacey Ader 526-5657 (Main Line)
Receptionist: receives requests for and distributes IFSTA and Edukit materials.

Jane Garapick 528-5668
Program Assistant: works with coordinators as course secretary on programs such as Field Training, Intro to the Fire Service and the Recruit Program. Jane is also the secretary to the Fire Academy Standards & Curriculum Committee.

Jackie Goodwin 528-5679
Coordinator: coordinates the Distance Education programs, Officer Training Programs, Executive Development, TO-2 and FPI.

Marianne Gottfried 528-5664
Coordinator: responsible for fee for services courses such as Recruit Screening and Intro to the Fire Service.

Sherri McLennan 528-5675
Program Assistant: generates, marks and sends out results and course material for the Officer Training Program.

Marcela Popovici 528-5674
Program Assistant: generates, marks and sends out results and course material for

FIRE & SAFETY • DIVISION • *Excellence in Training*

NEW WESTMINSTER CAMPUS Fire Academy

715 McBride Boulevard
New Westminster, BC V3L 5T4
Telephone: (604) 528-5657
Fax: (604) 528-5660

MAPLE RIDGE CAMPUS Fire & Safety Training Centre

13500 - 256th Street
Maple Ridge, BC V4R 1E2
Telephone: (604) 462-1000
Fax: (604) 462-9149

the pre-registered students in the Certification Program.

Leona Prill 528-5672
Program Assistant: generates, marks and sends out results for the DAX (Department Administered Exams) and for the Fire Fighter Training Program (Recruits).

Cres Reyes 528-5676
Systems Analyst: responsible for the Fire Academy exam department computer system.

Jack Tyler 528-5680
Instructor/Coordinator: responsible for the Field Trainer Program, Evaluation Program, Basic for New Departments, CO-10, and CM-7.

Maple Ridge Campus (Fire & Safety Training Centre)

Dan Murphy 462-1000
Manager, Fire & Safety Training Centre: responsible for the promotion of programs, program development, and the overall operation of the facility.

Bob Gates 462-1000
Assistant Manager, Fire & Safety Training Centre (start date - March 2nd, 1998): responsible for overall program delivery, human resources and industrial programs.

Mike McNaught 462-1000
Instructor/Co-ordinator: responsible for the co-ordination/instruction of Hazardous Materials Emergency Response, Industrial and Marine programs.

Merlin Klassen 462-1000
Instructor/Co-ordinator: responsible for the co-ordination/instruction of fire service programs and for the Recruit Program.

John Consiglio 462-1000
Instructor: Hazardous Materials Emergency Response, and Basic Tank Car Safety.

Ken Ruddick 462-1000
Instructor: Hazardous Materials Emergency Response, Spill Control, Marine and Industrial brigade courses.

Walter Premier 462-1000
Instructor: Hazardous Materials Emergency Response, Marine and Industrial brigade courses.

Mark Smitton 462-1000
Scientific Technical Officer: provides support to run essential "hands-on" component of the training done at FSTC.

Kevin Perkin 462-1000
Scientific Technical Officer: provides support to run essential "hands-on" component of the training done at FSTC.

Kevin Harwood 462-1000
Scientific Technical Officer: provides support to run essential "hands-on" component of the training done at FSTC.

Fran Kemp 462-1000
Program Assistant: provides clerical support to FSTC managers and instructors.

Melanie Tadla 462-1000
Program Assistant: provides clerical support to FSTC managers and instructors.