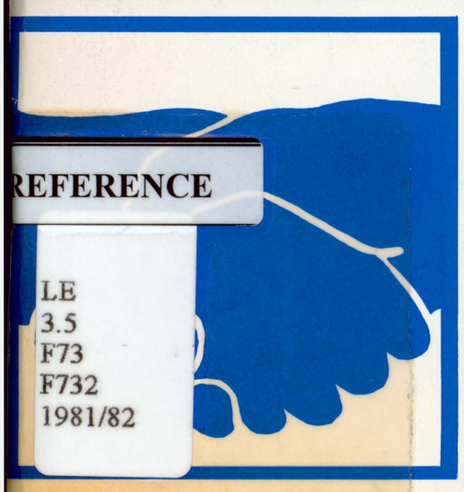
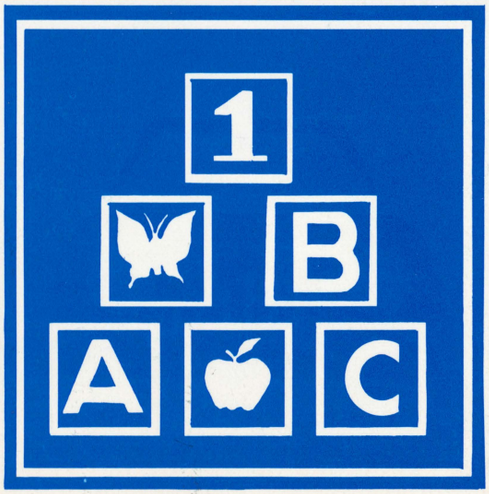
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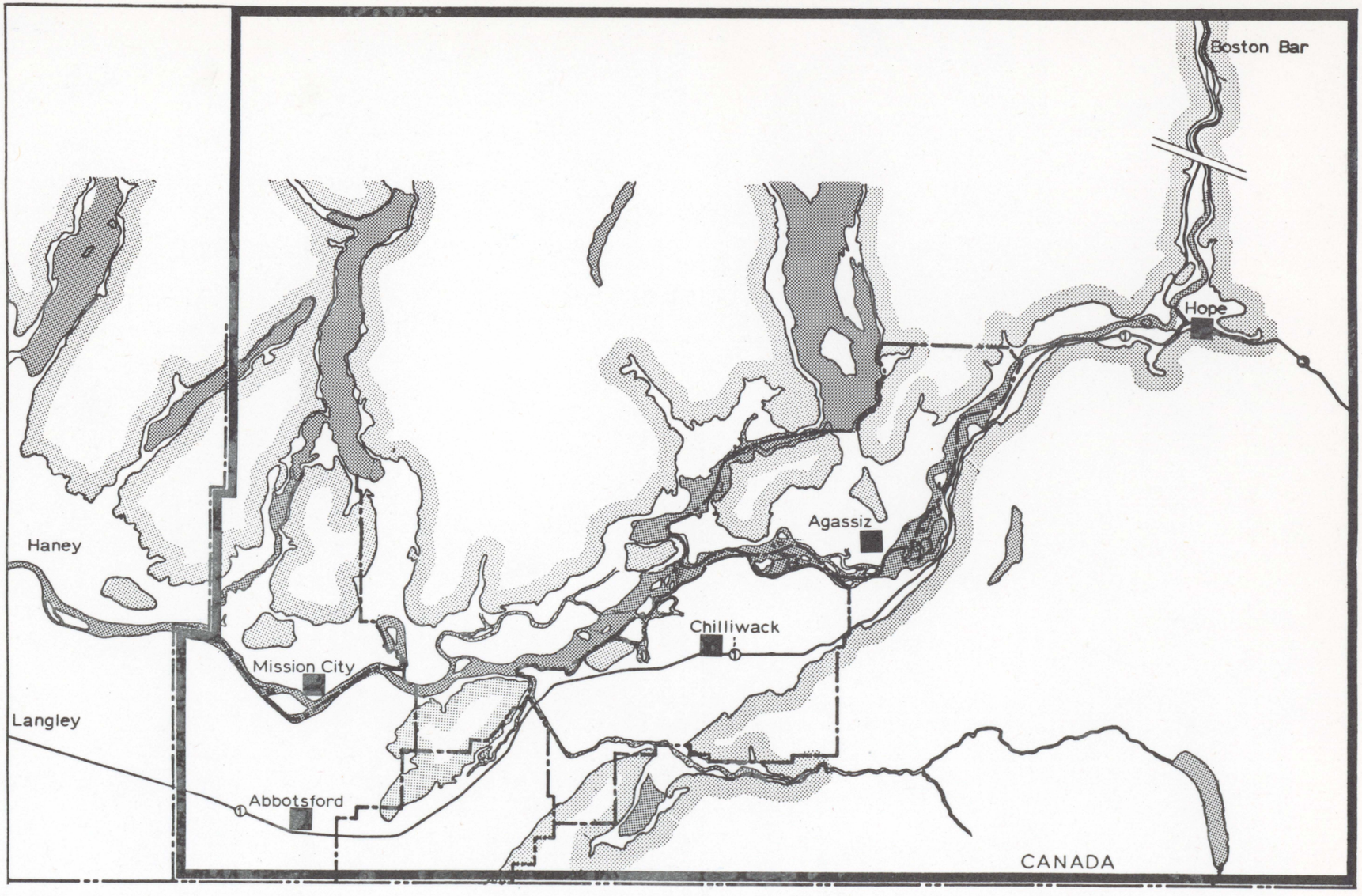
FRASER VALLEY COLLEGE 1981-82







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FRASER VALLEY COLLEGE

WEST CAMPUS
34194 Marshall Road
Abbotsford, B.C. V2S 5E4
(604)853-7441

EAST CAMPUS
45600 Airport Road
Chilliwack, B.C. V2P 6T4
(604)792-0025

AGASSIZ CENTRE
Box 338, 7125 Cheam Ave.
Agassiz, B.C. V0M 1A0
(604)796-2254

HOPE CENTRE
Box 1899, 895 Third Ave.
Hope, B.C. V0X 1L0
(604)869-9991

MISSION CENTRE
32335 Fletcher Ave.
Mission, B.C. V2V 4N3
(604)826-9544

FRASER VALLEY COLLEGE DISTRICT — MUNICIPAL BOUNDARY — INTERNATIONAL BOUNDARY NON ARABLE LAKES AND RIVERS

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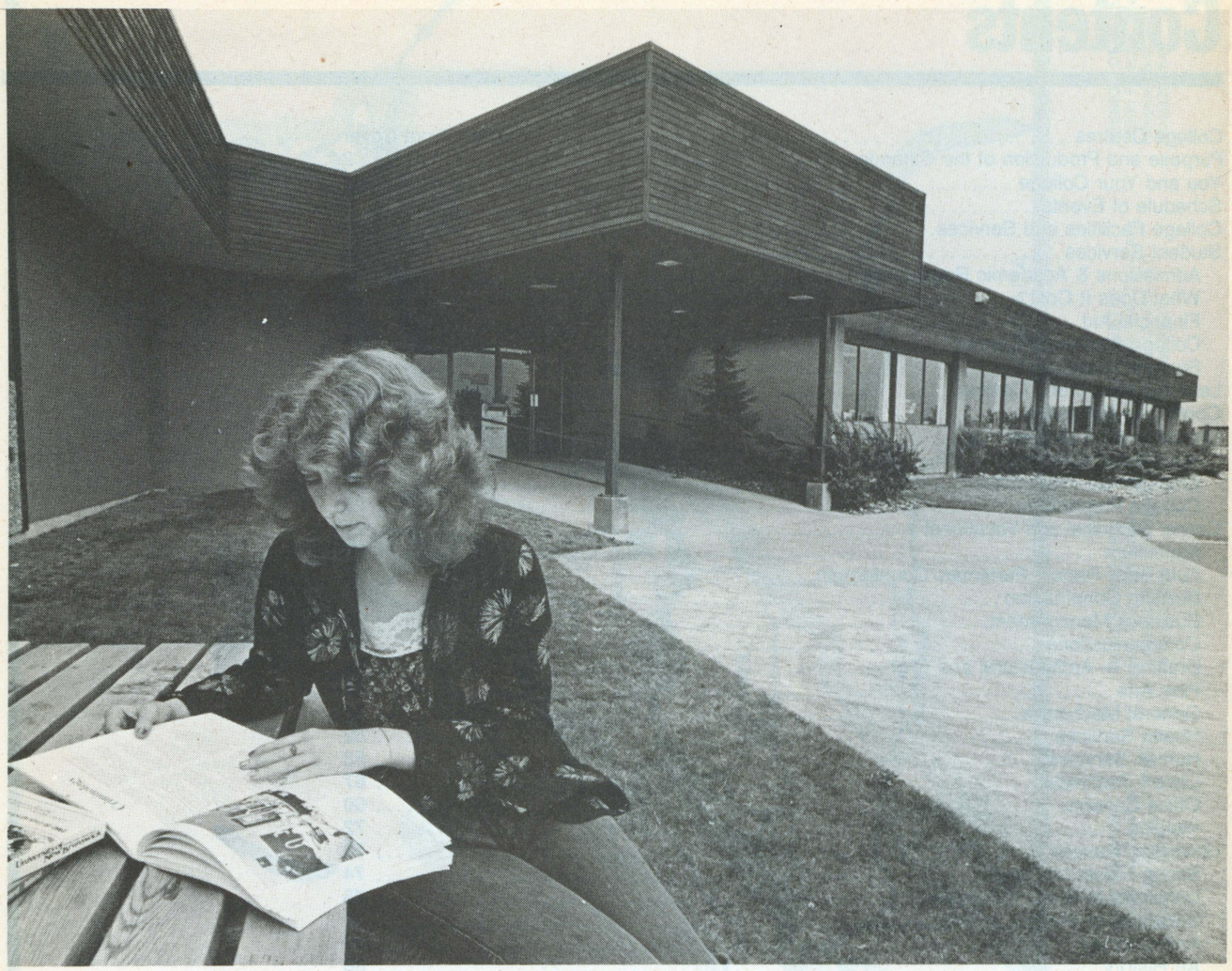
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Purpose of the calendar

This calendar is published to give you information about courses and programs to be offered by Fraser Valley College during the 1981/82 academic year. Although every effort is made to ensure accuracy at the time of printing, the statements in this calendar are not to be regarded as an irrevocable contract between the student and the College. Fraser Valley College reserves the right to change any provision or requirement at any time.

Calendar Production

The calendar is produced annually by the Public Information Office, Student Services Division, Fraser Valley College.

Cover design: Ellen Warkentin, second-year Fine Arts student, Fraser Valley College.

Inside design: Lucille Poirier, freelance artist, Vancouver

Photographs: Bob Warick, freelance photographer, Sardis. Henry Speer, biology instructor, Fraser Valley College. Audio Visual Department, Fraser Valley College.

Printing: Mitchell Press, Vancouver.

Statutory holidays for 1981-1982 College closed

May 18	Victoria Day
July 1	Canada Day
August 3	B.C. Day
September 7	Labour Day
October 12	Thanksgiving Day
November 11	Remembrance Day
December 25	Christmas Day
December 28	Boxing Day
January 1	New Year's Day
April 9	Good Friday
April 12	Easter Monday

You and Your College

Fraser Valley College is a comprehensive community college. It offers studies for credits toward university degree programs, for career objectives, for academic upgrading, or for general interest and self-improvement.

The College is sensitive to the changing needs of its community, and tries to provide educational, cultural, social and recreational services that meet those needs.

This implies a commitment to offer a variety of educational programs for adults of varying interests, abilities, career goals, previous education, and means.

The College accepts that commitment, and has adopted an "open door" approach to these responsibilities. That means every effort is made to admit students into the programs they want to take, whether or not they have a formal high school education. You don't have to be a high school graduate to come to Fraser Valley College.

The College also has a commitment to serve the changing needs, aspirations and career goals of the women of the Fraser Valley region, who constitute the majority of our student body. This commitment is expressed through programs, course content and counselling services that respond both to the common and to the varying concerns of women of all ages, life experiences and cultural backgrounds.

The programs at Fraser Valley College include academic upgrading, for people whose formal education may have been interrupted; one and two year job-oriented programs to train people for better jobs and more rewarding careers; the first two years of most university degree programs; and a rich variety of general interest courses which recognize that life is enriched by all kinds of learning.

To support these programs, the College has personal, academic and vocational counselling services; reference and study resources; support groups to help people overcome the difficulties of re-entry to higher education, or of combining education with other responsibilities; and an interesting student life of social, cultural, and recreational events.

Fraser Valley College is a community college . . . and the emphasis on the word "community" is taken seriously.

It is administered under the authority of a College Board of ten people representing the five major communities the College serves: Abbotsford, Mission, Chilliwack, Agassiz and Hope.

In the development of programs, too, the community is involved. The Continuing Education Division draws extensively on the abilities and resources of community organizations such as Community Services, arts councils, recreation councils, business and professional associations, church groups, and service clubs. Vocational programs are developed with the assistance of advisory committees drawn from people who are experts in their occupations and are residents of the community. In all, there are more than a hundred people who serve on these advisory committees, and their contribution to the quality of college programs is invaluable.

A unique relationship exists between the College and Coqualeetza Indian Education Centre at Sardis. Coqualeetza is an education and cultural centre administered by Sto:lo Indians, and supported by 37 bands, most of them located in the Fraser Valley. In order to be able to meet the educational requirements of native Indians as they perceive them, Fraser Valley College has retained Coqualeetza as an advisory and program development consultant.

Among the products of this relationship have been special upgrading and job readiness training courses to which a strong cultural support component has been added, with the result that successful completion rates have increased markedly.

In addition, the resources of Coqualeetza are made available to the College and other community organizations. These resources include a library; a resource centre with audio/visual equipment, video and sound tapes and slides; historical materials and an archival photo collection; maps; a model of curriculum development relating to the Sto:lo people which has been successfully tested in the public school; and the resources of the language program, including a trained linguist. You can contact them at: Coqualeetza Education Training Centre, Box 370, Sardis, B.C. Phone: 858-9431.

Schedule of Events

University transfer, career, college preparatory programs

Fall Semester 1981

April 1, Wednesday . . . . . Applications for Career programs received
June 1, Monday . . . . . Registration begins
September 8, Tuesday . . . . . Regular registration period ends
September 8, Tuesday . . . . . Day and evening classes begin
September 15, Tuesday . . . . . Last day for 100% refund of fees
September 22, Tuesday . . . . . Last day to change courses
September 22, Tuesday . . . . . Last day for 75% refund of fees

October 5, Monday ..... Last day for 50% refund of fees
December 11, Friday ..... Last day of classes
December 14-21 ..... Examination period. No classes

Winter Semester 1982

December 1, 1981, Tuesday .. Winter registration begins for returning students
December 7, Monday ..... Registration for new students begins
January 4, Monday ..... Registration resumes for new and returning students
January 5, Tuesday ..... Day and evening classes begin. Late registration period begins.
January 11, Monday ..... Last day for 100% refund of fees
January 18, Monday ..... Last day to change courses.
January 18, Monday ..... Last day for 75% refund of fees
January 29, Friday ..... Last day for 50% refund of fees
February 25-26 ..... Mid-term break. No day or evening classes. College open.
March 17, Wednesday ..... Professional Development day. No day classes
April 16, Friday ..... Last day of classes.
April 19-26 ..... Examination period. No classes

Spring Semester 1982 (May-June)

April 1, Thursday ..... Spring semester registration begins.
May 3, Monday ..... Spring semester classes begin.
May 7, Friday ..... Last day for late registration.
May 7, Friday ..... Last day to change courses.
May 7, Friday ..... Last day to receive 100% refund of fees
May 14, Friday ..... Last day to receive 75% refund of fees
May 21, Friday ..... Last day to receive 50% refund of fees
June 11, Friday ..... Spring semester classes end.

Offering of a spring semester will depend on enrolment and budget

Full-Time Vocational Programs

Listed below are the start and finish dates for Fraser Valley College Vocational programs. To apply, contact the College or your nearest Canada Employment Centre (formerly Canada Manpower) well in advance.

Animal Production
First session ..... Sept. 8 to Dec. 11, 1981
Second session ..... Jan. 5 to April 16, 1982

Agricultural Marketing (pending approval)
First session ..... Sept. 8 to Dec. 11, 1981
Second session ..... Jan. 5 to April 16, 1982

Crop Production (pending approval)
One session ..... Nov. 2 to Feb. 26, 1981

*Building Construction ..... Sept. 8, 1981 to June 18, 1982
*Drafting (pending approval) .. Sept. 8, 1981 to June 18, 1982
*Welding ..... Sept. 8, 1981 to June 18, 1982
*General Mechanics ..... Sept. 8, 1981 to June 18, 1982
*Partsman/Counterman (pending approval) ..... Sept. 8, 1981 to June 18, 1982

*entrance — exit at various times

Developmental Studies Programs

Listed below are the start and finish dates for Fraser Valley College Developmental Studies programs. To apply, contact the College or your nearest Canada Employment Centre well in advance.

Adult basic education

Full-time

Basic Training for Skill Development,
Abbotsford ..... Start anytime as space allows
Chilliwack ..... Start anytime as space allows
Mission ..... Sept. 14, 1981 to June 18, 1982
Hope ..... Sept. 14, 1981 to March 31, 1982
Coqualeetza ..... Sept. 14, 1981 to April 16, 1982
Jimmie Reserve ..... Oct. 5, 1981 to April 16, 1982
Booth Royd Reserve ..... Oct. 5, 1981 to April 16, 1982

Part-time

Basic Training for Skill Development and General Educational Development
Abbotsford ..... Sept. 14, 1981 to June 18, 1982
Chilliwack ..... Sept. 14, 1981 to June 18, 1982
Mission ..... Sept. 14, 1981 to June 18, 1982

Employment preparation

Skills for Occupational Survival (SOS),
Chilliwack ..... Sept. 21, 1981 to Dec. 18, 1982
Mission ..... Sept. 21, 1981 to Dec. 18, 1982
Hope ..... Sept. 21, 1981 to Dec. 18, 1982

Education and Career Orientation (ECO),
Mission ..... Oct. 19, 1981 to Oct. 30, 1981
Chilliwack ..... Nov.16, 1981 to Nov. 27, 1981
Abbotsford ..... Jan. 18, 1982 to Jan. 29, 1982
Hope ..... Feb. 15, 1982 to Feb. 26, 1982

Employment Orientation for Women (EOW),
Abbotsford ..... Sept. 21, 1981 to Nov. 24, 1981
Chilliwack ..... Jan. 18, 1982 to March 19, 1982

Basic Employment Skills Training (BEST),
Variable start dates at all
College locations ..... Sept. 14, 1981 to June 4, 1982

Continuing education — general interest

Fall Semester 1981

September 9, Wednesday .... Registration for Fall courses begins
September 21, Monday ..... Fall classes begin

Winter Semester 1982

January 6, Wednesday ..... Registration for Winter courses begins
January 18, Monday ..... Winter classes begin

A refund of fee is allowed before, but not after the beginning of the second class. After instruction begins, no refund is permitted for general interest courses for fewer than two sessions.

College Facilities and Services

Although Fraser Valley College is housed in temporary premises, every effort is made to provide needed facilities to all of the College community. Priority is given to instructional needs. However, some of the facilities are made available to the general public.

Main campuses

The College operates from two main campuses located at Chilliwack and Abbotsford:

Chilliwack — 45600 Airport Road, V2P 6T4
Telephone 792-0025
Office hours: 8:30 a.m. to 4:30 p.m., weekdays

Abbotsford 34194 Marshall Road, V2S 5E4
Telephone 853-7441
Office hours: 8:30 a.m. to 4:30 p.m., weekdays

Vocational/technical programs offered by Fraser Valley College are offered at either the Portage Avenue facility in Chilliwack or the Marshall Road facility in Abbotsford.

Other locations

With the cooperation of many local agencies, the College also makes use of secondary schools, community centres and on-site locations for college instruction.

Regional centres

The College operates three regional centres which provide some college services, program information and regional programming.

Agassiz — 7125 Cheam Ave., P.O. Box 388 V0M 1A0
Telephone 796-2254
Office hours: 12:30 to 4:30 p.m., weekdays

Hope — Ste. 202, 895-3rd Ave., P.O. Box 1899 V0X 1L0
Telephone 869-9991
Office hours: 12:30 to 4:30 p.m., weekdays

Mission — 32335 Fletcher Ave.
Telephone 826-9544
Office hours: 8:30 a.m. to 4:30 p.m., weekdays

Bookstore

For the convenience of students and faculty, the College operates small bookstores in Chilliwack and Abbotsford which stock required textbooks, stationery, drafting materials and some art supplies. College T-shirts and other paraphernalia are also available.

The regular hours are: 8:30 a.m. to 1 p.m.
2 p.m. to 4 p.m., Monday to Friday plus
6:30 p.m. to 9:30 p.m., Monday to Thursday, during September and January.

During the first few weeks of classes, the bookstores are open in the evening to enable night school students to obtain their books. Lists of required texts are available two to three weeks before classes begin.

Snack bar

A snack bar service is available at both campuses, in the college lounge. Refreshments and light lunches are available during the day and evening. Operating hours are:

Days: 9 a.m. to 4 p.m., Monday through Friday
Evenings: 6:30 p.m. to 9:30 p.m., Monday through Thursday

Photocopy

There are photocopy machines available at the two main compuses. They are located in the main hallway at the Student Services offices. The charge is 10 cents per copy.

Parking

The College provides parking near its facilities for students, faculty, administration and visitors. There are three parking lots at the Abbotsford campus with some 475 parking spaces, and approximately 250 spaces at the Chilliwack Campus.

To comply with fire and traffic regulations, *NO PARKING* areas have been established in certain parts of each campus. Improperly parked cars will be towed away.

Switchboard

Information may be obtained from the main switchboards Monday to Friday from 8 a.m. to 4:30 p.m.

Refunds

University Transfer and Career Programs

For all courses except general interest and vocational, refunds are based on the approximate percentage of instruction completed. For classes offered through the semester system, refunds are made as follows:

	Refund
Prior to the first day of classes	100%
Prior to the second week of classes	75%
Prior to the fourth week of classes	50%
After the fourth week of classes	0%

Continuing Education Programs

For all general interest courses offered through the Continuing Education Division, refunds are permitted as follows:

Courses having more than two sessions:	Refund
Before the beginning of the second class	100%
After second class	no refund

No refund is allowed for general interest courses which have fewer than two sessions. Allow at least two weeks for processing of refunds.

Vocational Programs

Since students enrolled in vocational programs pay their fees monthly, no refund is allowed after the second class meeting. A full refund is allowed prior to this date.

N.B. When there are extenuating circumstances, refunds may be authorized. Apply to Student Services.

Lab supplies

The College, at present, does not assess a fee for lab supplies. However, this policy is under review and a fee may be implemented.

Student society fees

The College collects membership fees of 6% of fees on behalf of the Student Society.

Study Materials

Many of the college faculty use handouts to supplement the course study material. There may be a fee collected at time of registration to cover costs of the material to be supplied.

STUDENT SERVICES

The Student Services Division provides a wide range of services to help you discover your maximum personal and academic potential. These services include:

Academic planning

Counsellors will help you with information on career and program requirements, transferability and course content at Fraser Valley College and other educational institutions. Appointments may be arranged during the day or evening and at the regional centres.

Counselling

Vocational counselling is available to help you choose a satisfying career goal. Personal counselling is also available to help you develop skills such as speaking up, identifying your strengths, choosing your life paths and managing to balance both home and school activity.

Career Resource Centre

The centre contains books, cassette tapes, and periodicals with information on a wide variety of topics including career planning, personal development, and college and university programs.

Records and registration

Course registrations, course changes, and withdrawals are completed at Student Services. Individual student records, including transcripts, are also filed in this area, and are available to you on request. Student I.D. cards are issued by the Records and Registration staff to all registered students who need them.

Orientation

The orientation program is designed to introduce you to college life and to other students who will be sharing college life with you.

Groups

Skilled counsellors offer a variety of group workshops as the need or interest arises. Workshops include such topics as job search techniques, assertiveness training and career planning.

Financial aid

You may want to visit the financial aid officer if you have questions about financing your education. See Financial Aid section for a more complete description of financial assistance available.

Native Student Counsellor

A native student counsellor is available two days per week on the Chilliwack Campus to assist native Indian students with education, financial, and personal concerns.

Mature students

A program has been designed to assist you if you are returning to school after long periods at home or work. Topics include confidence building, classroom skills, and coping with family and educational responsibilities.

Job placement

Student Services co-ordinates information on government summer employment programs. Counsellors teach job search techniques including resume preparation and interview skills. The Division also co-ordinates placement of students in government funded work/study projects, and will assist you to find off-campus employment.

Housing

A housing list is maintained to help you find suitable accommodation while attending college. The College has no on-campus housing, nor does it enter into disputes between students and landlords.

Transportation

A car pool information board is maintained on both campuses.

Health

Health insurance forms are available in Student Services for students who do not qualify for MSA benefits.

Childcare

A list of local daycare facilities is available.

Student services personnel

Dean of Student Services: Erling Close, B.Ed., M.Ed. (UBC)
Registrar: Anwar Beg, M.A., Ph.D. (U of Connecticut)
Public Information Officer: Judy Birch, B.A.A. Journ. (Ryerson)
Counsellor: Dave Birkett, B.A., M.A. (UBC)
Counsellor: Mark Hoffmann, B.Sc. (Stanford), Diploma C.S. (Regent), M.A. (UBC)
Counsellor: Jan Pow, B.A., M.Sc. (U. of Calgary)
Paraprofessional Advisor: Gerald George, Associate in Arts Diploma (VCC), Certificate in Life Skills Coaching
Paraprofessional Advisor: Varlene MacLeod, B.A. (UBC)
Paraprofessional Advisor: John Oddy, B.A. (U of the Pacific), Diploma in Outdoor Recreation Management (Capilano)
Paraprofessional College Activity Coordinator: Lorna Rockwell, Certificate Business Administration (FVC)
Registration Staff: Marg Berg
Registration Staff: Cathy Porter
Registration Staff: Lisa Louko
Registration Staff: Bev Halvorson
Secretary to Dean of Student Services: Sally Scott
Secretary to Public Information Officer: Nina Aitken
Secretary/Receptionist: Jerry Enger
Secretary/Receptionist: Sybille Stegmueller



Admissions

Fraser Valley College subscribes to an "open door" policy. This means that entrance requirements are kept to a minimum so that applicants can try college courses, even though they may lack certain formal qualifications such as a high school graduation diploma. Specific admissions requirements are necessary for some programs to ensure a reasonable opportunity for success. The program descriptions in this calendar will tell you if the course you want has special requirements.

Generally you can become an FVC student if you have completed the stated prerequisites and are:

1. a secondary school graduate, or equivalent, or
2. nineteen years of age or over, or
3. recommended for admission by a secondary school principal or superintendent.

Some exceptions to this are:

1. Developmental Studies courses, where you must be seventeen years of age or over and out of school for one year or more.
2. Vocational programs, where specific requirements are set by the Ministry of Education.
3. General interest courses, where students will ordinarily be 15 years of age or over.

Students who meet program entry requirements are admitted on a first-come, first-served basis according to the date a completed application is received.

A special note to foreign students: you must show proof of landed immigrant status or have a valid student visa before registering for any FVC program.

Any person who does not meet stated admissions requirements may petition our Admissions Committee for special consideration.

Academic Regulations

Some of the policies the College has established to guide admissions and standards are listed below. For more information about College regulations enquire at Student Services.

Registration — student responsibility

Students are responsible for the accuracy and completeness of their registrations, and for meeting the stated prerequisites and corequisites of a given course or program.

Advance placement

For some College courses, a student may demonstrate mastery of a lower-level course and be admitted directly to an upper level course without completing prerequisite or corequisite courses. Advance placement does not give the student credit for courses bypassed, nor does it preclude the necessity of obtaining credit for courses required by other institutions. A list of courses for which advance placement is permitted may be obtained from Student Services.

Placement examinations

Students may be required to take examinations which will help to determine skill levels and aid selection of courses appropriate to their previous educational backgrounds and abilities.

International students

Students from countries outside Canada may be admitted to the College if they have obtained status as landed immigrants according to regulations set by the Canadian Employment and Immigration Commission. Since the language of instruction is English, those not proficient in both written and oral English may be ineligible for admission if appropriate preparatory courses are not available. A small number of well-qualified students from foreign countries may be admitted on student visas to enrich the cultural climate of the College.

Transfer credit

In general, Fraser Valley College will honor credits earned by a student at another post-secondary institution recognized by the College. Official transcripts will indicate the number of credits for which transfer credit is granted but will not show course-by-course equivalence or grades.

Normally transfer credit will not be given for more than 50% of the credits necessary to complete the requirements for a diploma or certificate. Recognition by the College of studies completed elsewhere does not imply, or in any way guarantee, that the transfer credits will be recognized by another institution. Students may be required to complete prerequisites or other requirements for entry into a course or program.

Transfer credit allowed for previous work in a particular subject area does not necessarily excuse the student from meeting these prerequisites.

Course challenge

Some courses at Fraser Valley College may be challenged for credit. This means that a student who can demonstrate mastery of course objectives may be granted credit without taking the course.

Course challenge is available to students who are currently registered in credit courses at Fraser Valley College, or who have completed one or more credits at the College within the past three academic years. Student Services will provide a list of courses open to challenge.

Audit

Students may enrol in a course and participate fully but receive no assessment of their performance in the class. A grade of 'AU' is assigned for courses taken on an audit basis. Audit students are expected to meet the prerequisites for the courses they are taking.

Late entry

After 10% of a course is completed, students may enter only with the permission of the instructor.

Reserved seats

The College may reserve up to 75% of all seats in a program for full-time students. Ten days before classes begin full-time and part-time students compete for available seats on an equal, first-come, first-served basis.

Prerequisites and corequisites

A prerequisite is a requirement which must be met before a student enters a course or program. A corequisite is a course which must be taken concurrently with another course if it has not been taken previously. Students who do not have the stated prerequisite or corequisite courses may not register in a course having these requirements without prior permission of the instructor.

Course load — university transfer

A full course load is normally 15 credits per semester. Students are encouraged to enrol in not more than 15 credits per semester and may not enrol in more than 18 credits without permission of a dean. Some university transfer programs, such as Honors Science, require an overload in first year.

Definition of a full-time student

A full-time student is a person enrolled in 60% or more of the standard course load for a given program. A part-time student is enrolled in less than 60% of a standard course load.

Attendance

Students are expected to attend scheduled lectures, laboratories, field trips, seminars and examinations unless given instructions to the contrary.

Grades

The grading system at Fraser Valley College reflects a philosophical commitment to report achievement. For that reason transcripts issued by FVC show only those courses for which the student has attained a passing grade.

Grade	Grade Points	Interpretation
A	4.0	Excellent
B+	3.5	
B	3.0	Above Average
C+	2.5	
C	2.0	Average
P	1.0	Pass
CR	—	Satisfactory, C or Better
AU	—	Audit
I	—	* Incomplete
W	—	* Withdrawal
NC	—	* No Credit

* Not shown on official transcripts but reported on statement of grades issued to students at the end of semester.

A "P" grade does not necessarily permit the student to pursue another course for which the graded course was a prerequisite. A student may find it difficult to obtain transfer credit for a "P" grade.

A "CR" grade is a non-competitive grade which means that the work completed is equal to a "C" or better.

An "I" grade means that course requirements have not been fully met. A permanent grade is assigned upon completion of a contract signed by instructor and student. An "I" grade may also mean that grades have not been received by the Registrar's office.

Grade-point average

The College calculates grade-point averages only to determine the Dean's List of Distinguished Students.

Course withdrawal

Students who withdraw officially from a course up to the last day of instruction will receive a final grade of "W". A grade of "NC" (no credit) may be assigned to students who drop out without completing the required forms at the Student Services office. If you decide to withdraw you are encouraged to discuss your situation with your instructors or a counsellor.

Academic warning

A student may be required to withdraw from a course or program because of poor academic performance. Before this action is taken, students are entitled to a warning and an opportunity to improve their work.

Transcripts

Students may obtain transcripts of their permanent records by applying to the Student Services office. The first three transcripts are free, if all are obtained at the same time. Additional transcripts may be obtained for $1 each.

Amendment of permanent record

A course or grade may not be deleted from the permanent record. However, if a student repeats a course, only the highest grade earned will appear on the permanent record.

Repeating a course

Students may not repeat a course more than once, for credit or for audit, without permission.

Change of permanent grades

An instructor may change the grade of a student with the consent of the Dean of Instruction.

Incomplete grades

An 'I' (incomplete) grade may be assigned by an instructor when a student has not completed all the requirements of a course but does not, in the opinion of the instructor, warrant an "NC" or other grade. Students given an 'I' grade may earn a passing grade by fulfilling a contract with their instructors to complete certain assignments within a specified time, normally not more than six weeks after the end of a course.

Credits

The College measures the workload of a student by assigning units of credit to a course program. In general, one credit is defined as the equivalent of one week of full-time study. The credit value of a vocational program is equal to the number of weeks of full-time study required to complete the program. The credit value of a full-time university transfer or career program which extends over one semester will normally be 15 credits. The credits earned by successful completion of a continuing education course are determined on the basis of one credit for every 30 hours of instruction.

Dean's List

Students with outstanding scholastic records are given special recognition when their names are added to the Dean's List of Distinguished Students.

Diplomas

A student who successfully completes at least 60 credits of university transfer course work will be granted, on request, a Diploma in Liberal Arts and Science.

Upon successful completion of the minimum requirements of a two-year career program, a student will be eligible for a Diploma in Applied Arts and Science.

Successful completion of 60 credits from any course area will earn a Diploma in General Studies.

Certificates

A student who successfully completes a prescribed College program of more than 10 credits (10 weeks of full-time study or 300 hours) is eligible for a certificate. A student who completes a prescribed program in Developmental Studies will be granted a certificate on request. For certain programs, this certificate is considered adequate where entrance requirements ask for high school graduation.

Statement of Program Completion

A student who completes a prescribed College course or program of less than 10 credits will be eligible for a Statement of Program Completion.

Academic appeal

Students may appeal academic decisions or practices of the College which they would like to have changed. For more information about this procedure, apply to Student Services.

Confidentiality of student records

Fraser Valley College endeavors to keep student records confidential and away from those who would use them for other than legitimate purposes. Students are entitled to an official transcript of their academic records and to an explanation of any information recorded on it.

Requests for transcripts or other information from a parent, educational institution or community agency will not be honored without written consent of the student.

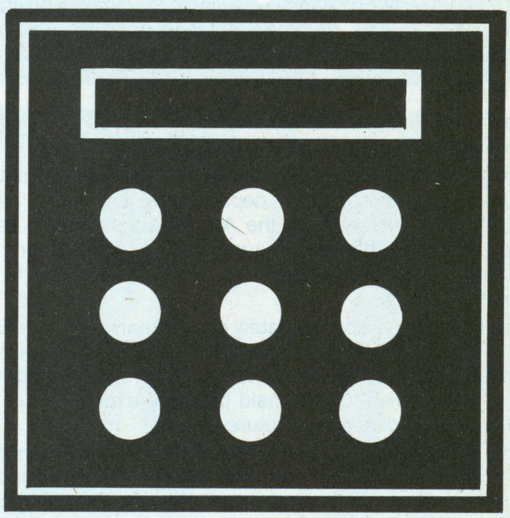
However, the College will give the following information to the public: whether the student is presently enrolled, confirmation of semesters attended, program and certificate or diploma awarded. Students who do not wish the above information released should complete a Request for Nondisclosure form, available from Student Services.

What Does It Cost?

Senior citizens	no tuition fee charged unless otherwise stated.
Vocational courses	$8.50 per credit (including 6% Student Society fees). 1 week instruction = 1 credit.
Continuing Education courses	various fees, generally $1.20 per hour of instruction.
University Transfer and Career courses	$8.50 per credit (including 6% Student Society fees), maximum $170.

Travel subsidy

A travel subsidy of $5 per week is available for students who are enrolled on a full-time basis and who live more than 50 km from a main campus or anywhere in Hope School District. A subsidy of $2.50 per week is available for students who live 30 to 50 km from a main FVC campus, or anywhere within the Agassiz-Harrison School District. Apply at Student Services or any regional centre.



Financial Aid

Despite careful budgeting and hard work at summer and part-time jobs, many students still have difficulty saving enough money to complete their post-secondary studies. The College is prepared to assist needy students through its Financial Aid and Job Placement Office.

If you are short of funds, visit the Student Services Office to discuss your circumstances with a financial aid officer, who will assist you to apply for a grant or loan. A Financial Aid Handbook is available to give you more information.

Kinds of assistance

Grants

Grants are assistance funds which need not be repaid. There are two types at Fraser Valley College:

1. **Scholarships** — awarded on the basis of scholastic merit.
2. **Bursaries** — awarded on the basis of need.

High school students who will be entering Fraser Valley College directly after graduation should visit their high school counsellors to find out what local scholarships and bursaries are available. Groups such as the Rotary Club, the Royal Canadian Legion and the Odd Fellows often provide bursaries up to $200 for graduating students.

If you are continuing to second year at Fraser Valley College, or are entering for the first time, you are encouraged to look through the Fraser Valley College Financial Aid Handbook to see if you qualify for any of the more than 132 bursaries and scholarships listed.

Loans

Loans are assistance funds which must be repaid after leaving college. There are three major sources of loans at Fraser Valley College:

1. *Canada Student Loans* — available to Canadian citizens or landed immigrants taking 60% or more of a full program of studies.
2. *B.C. Youth Foundation Loans* — available to B.C. residents under the age of 30 who are completing Grade 12 or studying in academic, technical or vocational fields.
3. *P.E.O. Sisterhood Loans* — available to women who are high school graduates or equivalent and who are enrolling in career, technical or academic work at the College.

Work/study

Work/study is financial assistance in the form of a salaried part-time job while attending school.

College-sponsored jobs — a limited number of jobs on campus are sponsored by various college departments. Last year, student assistants were employed by the Art Department, the Learning Resources Centre, the Maintenance Division and Student Services. The jobs vary from short-term, "on call" positions to long-term, part-time jobs.

Work/study option — approximately 40 to 50 part-time jobs (5 to 15 hours per week), offering a wide range of employment experience, are available to students who have qualified for Canada Student Loans and who wish to gain paid practical experience in a job related to their studies and/or future career.

Off-campus jobs — from time to time, employers in the community list employment vacancies with the College. The Financial Aid Officer will help you make contact with these employers.

B.C. Student Financial Assistance Program

The British Columbia Student Financial Assistance Program, consisting of Canada Student Loans and supplementary grants from the provincial government, is the most popular source of financial assistance for students attending the College. These awards consist of approximately 2/5 grant and 3/5 loan.

Application Procedure

1. Students who have never before applied for a Canada Student Loan *through the Fraser Valley College Financial Aid Office* are *required* to attend a Financial Aid orientation session to pick up a Canada Student Loan application form. Orientations are held throughout the summer and into the fall. Students attending these sessions will learn about financial assistance available at Fraser Valley College and will be assisted in filling out the Canada Student Loan and B.C. Grant forms. Dates and times for financial aid orientation sessions are available through the Student Services offices and the regional centres.

   Students who have previously applied for Canada Student Loans through the FVC Financial Aid office may pick up a Canada Student Loan application directly from the financial aid officer. Attendance at a financial aid orientation session is not mandatory but is strongly recommended, especially if assistance is required to complete the forms.

   Students applying to other institutions are asked to obtain application forms directly from those institutions or from the Student Services Branch, Ministry of Education, 835 Humboldt Street, Victoria, B.C.

   B.C. residents attending college in another province or country can obtain 'Out of Province' applications from the financial aid officer.
2. Completed applications should be returned to the Financial Aid office at least *eight weeks prior to the date cash is required.* If funds are needed for the first day of classes in September, applications must be submitted by July 1. Applications submitted after July 1, especially those submitted during the September rush, are likely to suffer delays in processing.

Qualifications for Canada Student Loans

1. Canadian citizenship or landed immigrant status.
2. Resident of B.C.
3. Enrolled in, or applying for admission to, a qualifying program of studies as a full-time student. A full-time student is a person enrolled in 60 percent or more of the standard course load for a given program.
4. Genuine need according to criteria determined by the Ministry of Education.

Students in programs of less than six and one-half months may not be eligible for the Canada Student Loan. In these cases, you are encouraged to apply for a Special Assistance Grant or Work Study.

General information

When applying for any scholarship or bursary, be sure to check application deadlines. If in doubt, apply as early as you can. Our Financial Aid Officer will be glad to assist you in selecting the most appropriate form of financial aid.

College Activities Program

Sports and recreation

Fraser Valley College offers three kinds of sports and recreational activities: non-competitive 'life' sports, intramurals and non-credit recreation courses.

Life sports

Many students are interested in developing skill in life-long recreational sports which they can enjoy wherever they go and which do not require the presence of established teams or complex facilities. They want to participate in sports that allow an opportunity to engage in healthy physical exercise in company with family and friends. For these students, Fraser Valley College offers among other activities, cross-country skiing, downhill skiing, snow-shoeing, canoeing, camping, hiking and swimming.

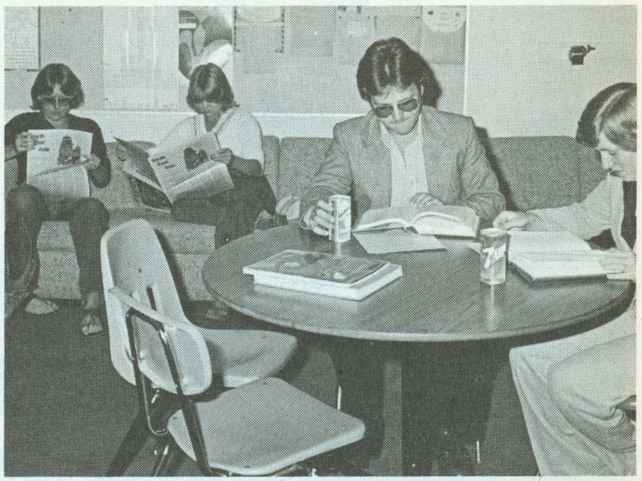
Intramurals

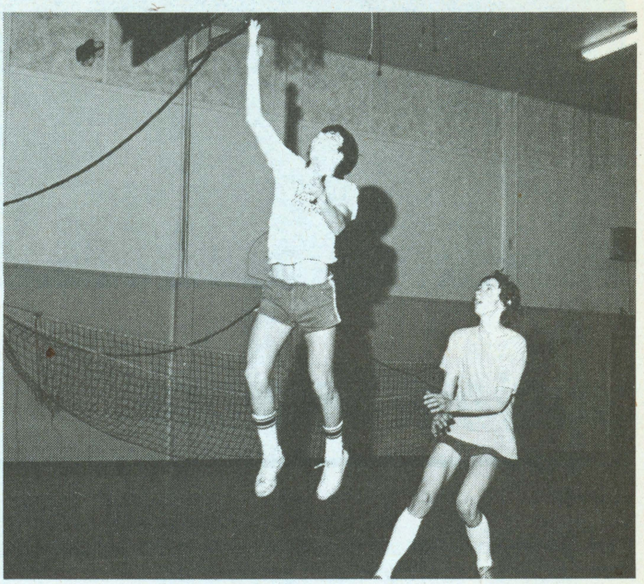
If you enjoy team sports and want to meet friends, you can participate in intramural sports such as badminton, volleyball, floor hockey, ice hockey and basketball.

Every fall and spring sports and recreation sign-up sheets are posted on the College Activity bulletin board so you may register for upcoming events. Organization of activities and teams is done primarily by the college activity co-ordinator in consultation with a student committee. The types of activities offered vary from year to year, depending on student interest and involvement. Many activities are scheduled during the evening in local secondary school gyms and community recreation centres.

Non-credit recreation courses

These one or two-week courses in such activities as scuba diving, backgammon, cross country skiing and guitar are generally held on campus. Costs are kept as low as possible so students may participate. Courses are advertised at the beginning of each semester.





Special events

Each year, the College organizes a number of noon-hour special events featuring outstanding artists, musicians, speakers and actors. These special programs are designed to expose students to cultural experiences which are not readily accessible. Special events are generally held on campus. However, college-sponsored excursions to Vancouver and other cultural centres are planned so that students may attend performances by top Canadian and international performing artists.



Clubs

The students of Fraser Valley College recognize that many valuable learning experiences take place outside the classroom. Consequently, they have organized a variety of clubs and activities to enhance their college life. Some of these have included: Ski Club, Geography Club, Christian Fellowship Club and Commerce Club.

The college activity coordinator is available to help students who wish to organize recreational activities and clubs.



Student Society

The moment you enroll at Fraser Valley College you automatically become a member of the Student Society.

The Fraser Valley College Student Society is registered as a non-profit corporation, and its purpose is to provide students with services, supplementary social-cultural activities and, most importantly, a political voice. The Society is run by students, and students control the direction and activities of the organization.

The College administration and staff recognize the Student Society as the legal representative of the student body at the College, and as a result seek its advice in matters of concern to students.

The Society has an elected Executive Council which is primarily responsible for representing students in all dealings with the College Board, administration and all outside organizations. Student Society Campus Councils at Chilliwack and Abbotsford are primarily responsible for providing services, activities and a voice for students in their respective regions.

Services provided by the Society include Friday afternoon pubs with live entertainment, a student newspaper, dances, noon-hour concerts, a speakers' program, film program and financial assistance for student clubs.

All students are welcome at all Student Society meetings. It's a good idea to try to attend at least a couple of these (times are posted well in advance) to become acquainted with their operation.

There is also an annual general meeting at which the executive presents a report of Society activities during the past year and asks for approval for the following year's budget. The amount of the Society fee (if any) is also set at this meeting.

Ombudspersons (one for the East Region and one for the West Region) are elected each year by students to handle all student complaints concerning the faculty, administration, or Student Society. They will assist students who have grievances against the College or Student Society and will also help in the preparation of any appeals by students. The ombudspersons are entitled to access to all files, financial reports and business records of the Student Society. In certain circumstances they have the power to call special general meetings of the Society and to chair these meetings at the request of a majority of the students at the meeting.

LEARNING RESOURCES CENTRES

Each campus of the College is served by an attractive Learning Resources Centre with a rapidly growing collection of up-to-date study, reference and information materials. You have access to FVC's thirty thousand items through the catalogue, and to a large paperback collection.

The catalogues of BC's three universities are available on microfiche, and an inter-library loan service means there are almost four million additional volumes which you can draw on for your research.

In addition to books, the Learning Resources Centres have magazines, newspapers, pamphlets, government publications, films, slides, tapes, videotapes and more.

The audio/visual service of the College is also a part of the Learning Resources Centres. There is a wide range of equipment available which may be booked for home use, classroom presentations or use in the LRC, including film projectors, cassette recorders and overhead projectors. New students are provided with an orientation to the LRC through their English courses, or by arrangement with their instructor.

Remember that help is also available in the LRC when you need it; just ask at the reference desk or circulation area. There is also individual help available for improving study skills, or if you have problems preparing a book report, essay or class presentation. Come in and see us.

Student identification cards are the LRC's library cards, and are presented whenever library material is checked out. Most material may be borrowed for two weeks.

The general public is also welcome to use the LRC facilities and resources.



East campus (Chilliwack)

Phone: 792-0025

Hours of service:

Winter — 8:30 a.m. to 9 p.m., Monday to Thursday
8:30 a.m. to 4:30 p.m., Friday

Summer — as posted

West campus (Abbotsford)

Phone: 853-7441

Hours of service:

Winter — 8:30 a.m. to 9 p.m., Monday to Thursday
8:30 a.m. to 4:30 p.m., Friday

Summer — as posted

Agassiz, Hope and Mission

There are small collections in the college regional centres, and you also have full access through these centres to all the services of the larger campuses.

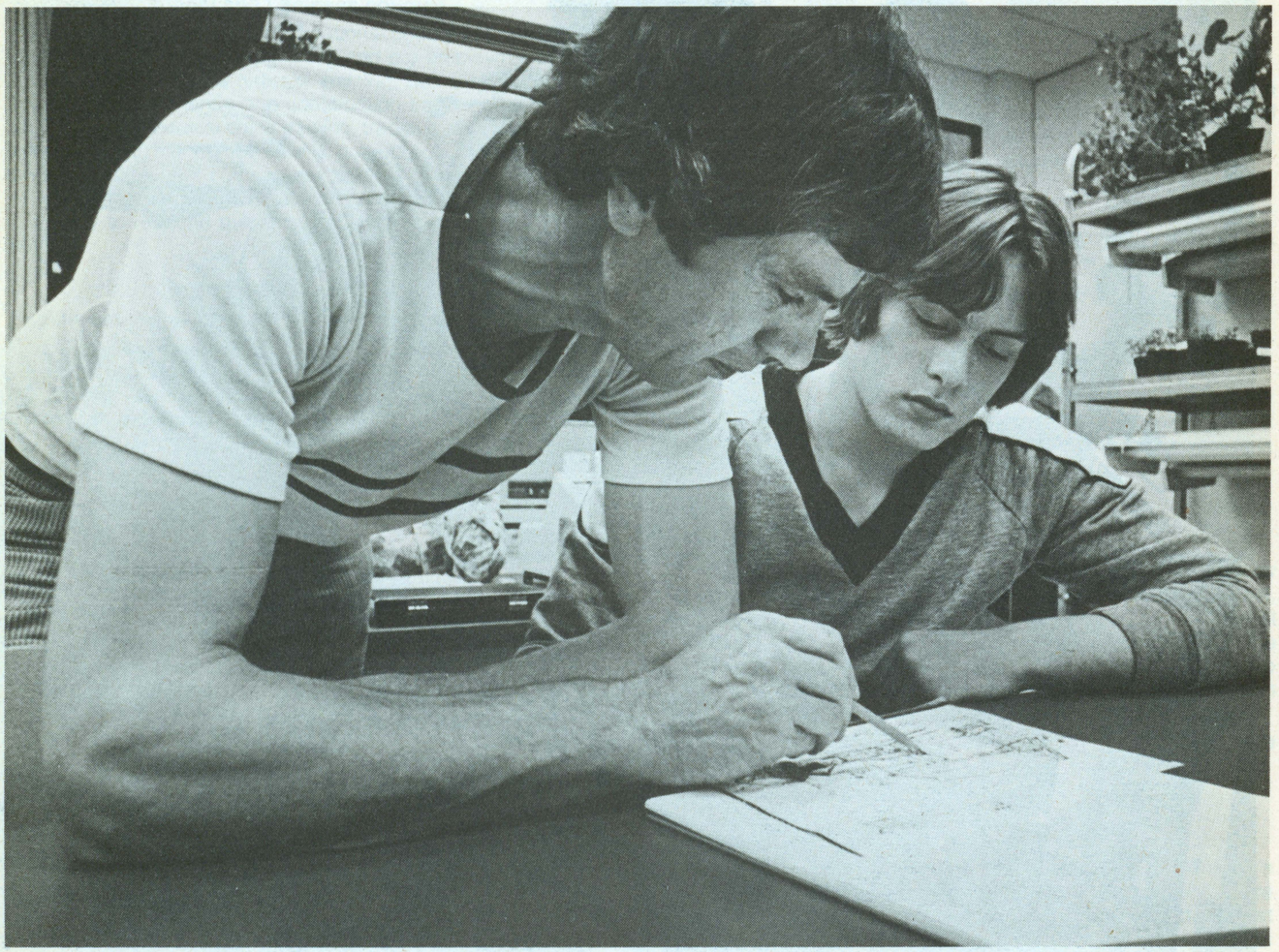
The staff in your closest regional centre will be happy to take your requests and the materials will be delivered there for you.

Learning Resources Centre personnel

Director: Winifred E. Harris, B.A. (Carleton), B.L.S. (Toronto)
Administrative Assistant: Sandra Borrowman
Public Services Librarian: Laura Neame, B.A. (SFU), M.L.S. (UBC)
Technician-in-Charge, Abbotsford: Barbara Pinkiewicz
Library Technician, Abbotsford: Eva Korelus
Technician-in-Charge, Chilliwack: Jean Williams
Library Technician, Chilliwack: Kathy Davis
Library Technician (half-time), Chilliwack: Diane Nosaty, Dip. Media Res. (Capilano)
Librarian (part-time): Anne Knowlan, B.A. (UBC), B.L.S. (Toronto)
Technical Services Librarian: Judy Inouye, B.A., B.L.S. (UBC)
Library Technician (Monographs): Niina Mitter, B.A. (Hons.) (Calcutta)
Library Technician (Serials and Gov. Docs.): Sue Kleiv
Library Technician (Acquisitions): Heidi deBrentani, B.A. (Sir George Williams) Cert. Lib. Sc. (SGW)
Processing Centre Assistants: Jenny Walters and T.B.F.
Media Coordinator: Ron Harper, B.A., B.Ed., M.Ed. (UBC)
A/V Technician (Abbotsford): Richard Heyman, Dip. Media Res. (Capilano)
A/V Technician (half-time) (Chilliwack): Diane Nosaty, Dip. Media Res. (Capilano)
Film Booking Clerk: Lori Moren



CONTINUING EDUCATION



The Continuing Education program includes courses in many subject areas which in the past were known as "adult education" or "night school." Continuing Education courses are offered on Fraser Valley College's two main campuses and in many other locations around Chilliwack and Abbotsford, and in community facilities in Agassiz, Mission and Hope. The courses are offered on a short-term or part-time basis during evenings, daytime and weekends.

The College wishes to serve residents of all ages and in all parts of the community and therefore looks to local groups and individuals for course ideas and for assistance in program planning. It co-operates with community agencies in organizing co-sponsored courses and encourages participation by interested individuals and community groups.

The College issues program booklets twice each year, before the beginning of each semester in September and January. The booklets contain lists and descriptions of all the full-time and part-time courses being offered in the region. Delivered without charge to every household in the college area, the publications contain all the information necessary for you to enrol in a college course.

The Continuing Education Division has an extensive instructional program, offering non-credit courses in as many fields as it is possible to find instructors. During the 1979-80 academic year, "Continuing Ed" offered over eight hundred classes, workshops and seminars for a total of more than 12,000 registrations.

Included in the Continuing Education program are courses such as these:


ALLWOOD
NIEDOYAL

University transfer and career courses

University transfer and career courses, when offered as evening classes or in the regional centres, are the joint responsibility of the Division of Instruction (for instructional staff and materials) and the Division of Continuing Education (for support services).

Part-time vocational and business courses

Many business, trade and occupational courses are offered on a part-time basis for both upgrading and pre-employment training. These courses include airbrake training, business mathematics, bookkeeping, carpentry and construction trades, drafting, gasfitting, legal and medical office training, trades qualification courses, secretarial and stenographic skills, supervision and welding. Many part-time vocational courses are offered in response to special requests by business, industry and labor. The College has the capability to respond quickly to requests for specialized training courses.

English language training and other language courses

Classes in spoken and written English for landed immigrants, new Canadian citizens, and non-English-speaking Canadians are offered on a regular basis. The classes are graded to suit students from those who speak no English to those who simply wish to improve their written and conversational skills. As well, the College offers credit and non-credit courses, with an emphasis on oral training, in languages such as French, Russian, Spanish, German, Dutch, Norwegian and Ukrainian.

College preparatory and adult basic education courses

The College offers academic upgrading courses which enable students to begin studies at their present level, proceed at their own pace, and complete the programs of their choice. Included are mathematics, English and science courses. The program is designed specifically to prepare students for further college studies. As well, there are Adult Learning Centres in most regions of the College, where people who have been unable to complete their elementary or junior secondary education can upgrade their academic standing at their own speed. Contact your local college office for more information.

Agricultural courses

Offered primarily for people now employed in agriculture, part-time courses include subjects such as agri-finance, broiler hatching, dairy nutrition, farm metrics, sheep production and soils sciences. The College is able to set up short-term agriculture courses to suit the needs of specific groups in the area, and your inquiries are invited.

Living skills courses

Courses in this category are usually co-sponsored with Public Health Units or Community Services, and take the form of courses or workshops designed to help adults understand human development and cope better with typical life crises in marriage, parenthood, friendship and careers.

Many courses are designed with a specific group in mind. For example, special classes for senior citizens, single parents, women, and people nearing retirement may be offered.

College and community sponsored cultural events

The College supports and promotes the performing arts through concerts and performances in various areas of the college region. These performances, usually co-sponsored with local arts councils, are designed to bring to the area a type of entertainment which would not otherwise be available. Local and nationally known performers are featured.

General interest courses

The College also offers general interest courses for adults in the community to make their leisure time more constructive and enjoyable. A variety of courses is offered throughout the year. Typically they fall into the following categories:

Fine Arts — drawing, painting, ceramics, etc.

Crafts and hobbies — knitting, short story writing, woodworking, etc.

Foods and homemaking — tailoring, interior decorating, speciality cooking, etc.

Recreation and dance — yoga, tennis, volleyball, dancing, etc.

Early registration in general interest courses is advised, since some classes fill up very quickly while others may be cancelled if enrolment is too low. The direct cost of operating these classes is met by student fees.

Contract courses

The Continuing Education Division also arranges courses for agencies, institutions, businesses or other groups by contract. Both credit and non-credit courses are available. The College will supply the instructor, materials or texts, and administration of the courses for a specific fee. Course content may be specified by the contracting agency in some cases, or courses may be adapted to suit the needs of the agency or business.

Call your local Continuing Education representative for more information.

Regional centres

The Continuing Education Division administers the College's regional centres in Agassiz, Hope and Mission. These centres are staffed by a regional programmer and a part-time assistant who set up courses and deliver programs to their communities. The centres also offer these services:

1. Registration and program information.
2. Vocational and career program information.
3. Counselling appointments.
4. Learning resources. All of the resources and services of the main Learning Resources Centres are available on request. In addition, a small collection of paperbacks is kept available to community borrowers.
5. Audio/visual equipment, such as cassette recorders and projectors, is available to instructors. Students should enquire about their needs. Ask at your regional centre for further information.

Regional centre staff invite your suggestions, ideas and comments. These people are the liaison between the College and the communities they serve, and they welcome your input. Please drop in!

Course co-sponsors

The College would be unable to operate effectively without the co-operation of many agencies and organizations in the region. More than 30 groups are actively working with the College in co-sponsoring educational and activity programs of many types.

Typical of these co-sponsoring organizations are: Hope Rod and Gun Club, Kent Arts Council, Coqualeetza Education Training Centre, Chilliwack Community Services, Abbotsford Health Unit and Mission Indian Friendship Centre.

The College is grateful to these organizations and many others for the assistance they provide in bringing more effective programming to the people of the Fraser Valley.

Continuing Education personnel

Eric H. Woodroff, Dean of Continuing Education
Betty Sutherland, Secretary
Frank Dolman, Director of Continuing Education (West)
Karen Rempel, Secretary
Patricia Scott, Programmer
E. J. (Betty) Urquhart, Director of Continuing Education (East)
June Johnstone, Secretary
Iyla Ottoson, Acting Regional Programmer, Agassiz
Chris Schoenbaechler, Office Assistant
Beryl Fredrickson, Regional Programmer, Hope
Virginia Minnabarriet, Office Assistant
Ronald Coreau, Regional Programmer, Mission
Sharon Tymich, Office Assistant



DEVELOPMENTAL STUDIES



To provide a truly open door to learning, Fraser Valley College has a broad range of programs which allows you to choose courses and subjects suited to your needs. The overall objective of each of these courses is to provide opportunities for you to develop the necessary skills for future academic and vocational success.

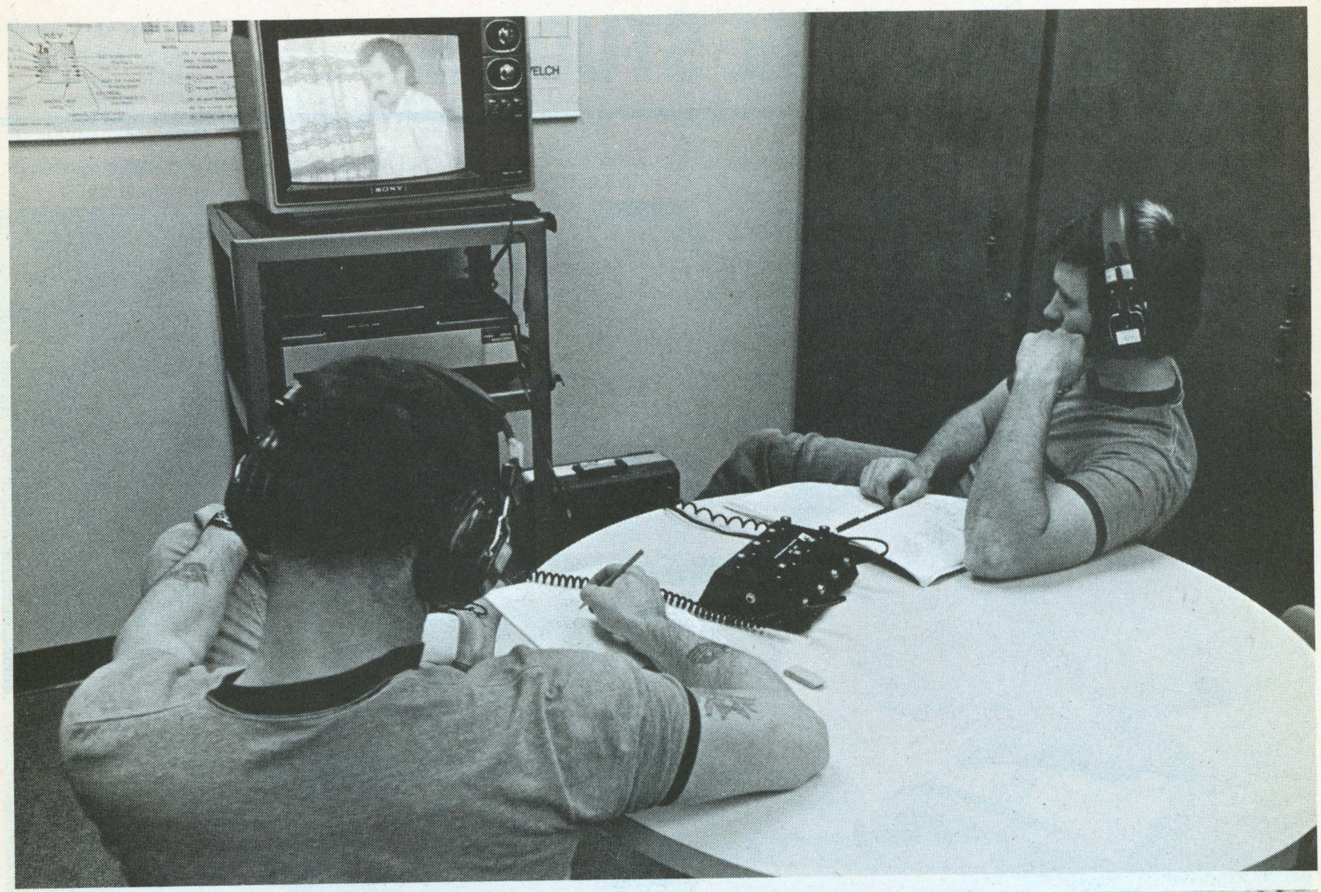
As these topics indicate, our courses can be of particular value if you have been away from school for some time, if you are looking for a new occupation, if you need further preparation for entry into college level programs, or if you are simply seeking personal satisfaction through learning new things.

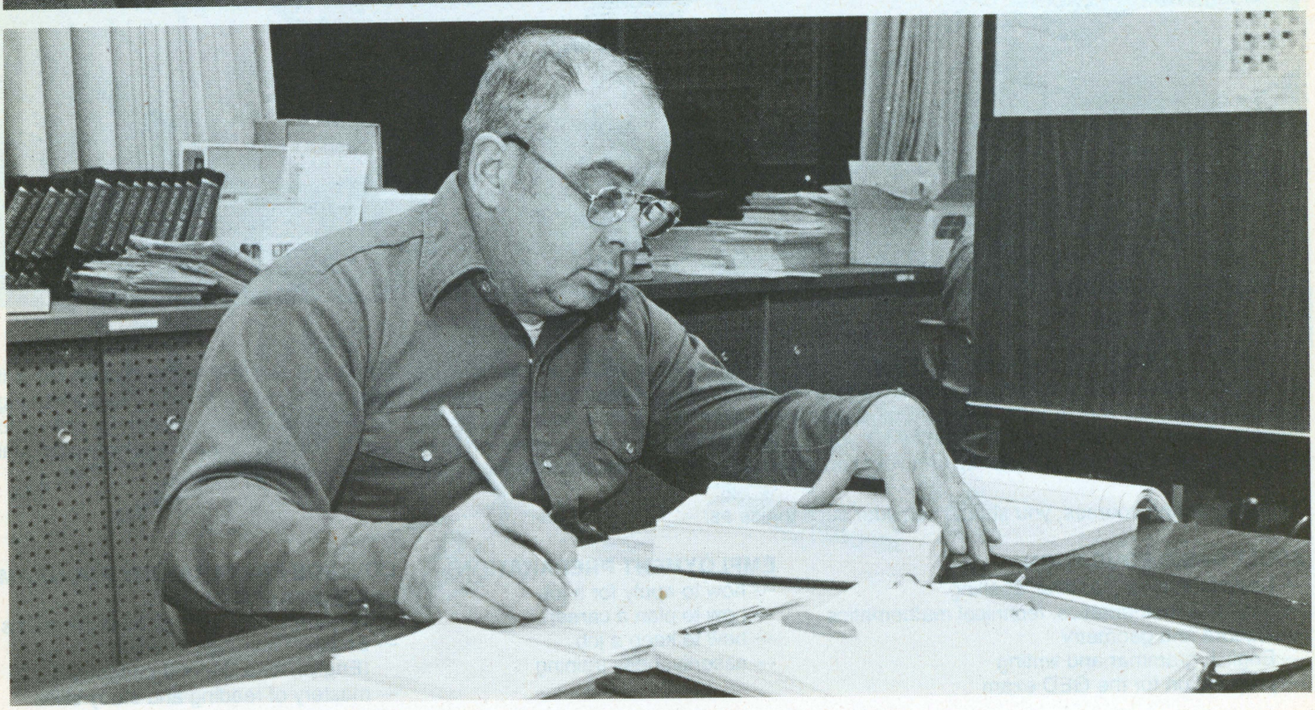
Before selecting courses, you should consider such topics as:

ADULT BASIC EDUCATION
— basic arithmetic, reading, spelling
— business mathematics, technical mathematics
— algebra and geometry
— English grammar and writing
— preparation for the GED exam

EMPLOYMENT PREPARATION
— how to apply for a job
— how to plan a career
— how to keep a job
— assertiveness training

COLLEGE PREPARATORY PROGRAM
— high school completion
— preparation for college level programs
— English Language Training
(English as a Second Language)
— mastery of reading and study skills


SONY



Adult Basic Education

The programs offered in Adult Basic Education are designed primarily for basic academic upgrading and pre-vocational training. When you complete the required programs you will receive the equivalent of a vocational, not an academic, grade 10 or 12 certificate. This is sufficient for entrance to many vocational programs in the province. You may require additional academic upgrading courses in specific areas to enter career/technical or academic programs.

Programs offered

ABE LEVEL 1 (BASIC STUDIES)

This course deals with reading, writing and arithmetic at the elementary level. Emphasis is on practical, real life skills needed by adults.

ABE LEVEL 2 (BTSD 2)
GRADE 8 EQUIVALENCY

These units deal with basic spelling, grammar, composition and reading skills, mathematics and science. You will be assisted to determine your present level of achievement. Then you will be able to continue learning at your own rate, to master whatever individual units you require.

ABE LEVEL 3 (BTSD 3)
GRADE 10 EQUIVALENCY

This program provides units in communications, mathematics and science to enable you to take further training in programs that require grade 10 as a prerequisite. Completion of Level 3 with required options, will also enable you to proceed to Level 4.

The program is individualized, which means that you start at a level based on your present academic skills and move through the program at the rate best suited to you. A series of workshops in small group settings are provided.

COMMUNICATIONS: You will be involved in all aspects of written and oral communications. Reading instruction will improve comprehension and speed. Help is given in mastering correct word usage, effective sentence structure, paragraphing and other skills. You will be expected to take part in group discussions about such topics as working with other people and career planning.

MATHEMATICS: These units cover the fundamentals of arithmetic and business mathematics. Optional units, required for entry into Level 4 and some training programs, include an introduction to graphing, informal geometry, integers and rational numbers, and algebra.

SCIENCE: Core units cover topics such as the scientific method, human biology, nutrition, safety, first aid, ecology and an introduction to psychology. Optional units in various aspects of chemistry and physics have been designed as preparation for specific vocational training programs and entry into Level 4.

CAREER PLANNING: The opportunity to study creative job search techniques is of particular interest if you don't yet have a specific career goal.

ABE LEVEL 4 (BTSD 4)
GRADE 12 EQUIVALENCY

The Level 4 program also provides units in communications, mathematics and science to enable you to take further trades training programs requiring grade 12 for entry. Another purpose is to help you move directly into more satisfying employment. All eligible students are encouraged to write the GED test. Completion of the Level 4 program may prepare a student for entry into College Preparatory courses.

The Level 4 program is also organized into units with a core section in each subject and with optional units available for students requiring preparation for specific career areas.

COMMUNICATIONS: The core consists of grammar and written assignments, including: business letters, precis writing, exposition, research techniques and resume writing.

MATHEMATICS: The mathematics core includes three algebra units and either eight units of business mathematics or seven of technical mathematics. Business mathematics also offers five optional units, including topics such as: insurance, taxes, investments, probability.

SCIENCE: Students study a combination of 12 units of biology, chemistry and physics. Areas of study may depend on vocational goals. The chemistry units provide a basic introduction to the scientific method, matter, the atom, periodic table, gases, formulas and equations.

The biology units emphasize human biology, covering study of the origin and dynamics of life, plant and animal life, genetics, evolution, ecology.

The physics units provide studies in the measurement of matter, vectors, forces in equilibrium, work, energy, simple machines, mechanics of liquids, heat, sound, the nature of light, electricity and magnetism.

GENERAL EDUCATION DEVELOPMENT (GED TESTS)
PREPARATION FOR GED TESTS
GRADE 12 EQUIVALENCY

The General Education Development tests are a series of five tests in writing, social studies, sciences and mathematics. Successful candidates receive a B.C. Ministry of Education Grade 12 Equivalency Certificate.

Many adults who did not graduate from secondary school have acquired skills through work, living experience or independent study at or above the secondary school level. GED tests provide an opportunity for these people to qualify for better jobs or promotions and to apply for admission to post-secondary educational institutions. Some people take the tests for personal satisfaction.

While the Ministry of Education cannot guarantee that the GED certificate will be accepted by every employer or post-secondary institution, it may be of considerable assistance.

At the time of application, you must be 19 or older, a B.C. resident for at least six months and out of school for at least one full academic year.

Application forms are available from any Fraser Valley College Student Services office or regional centre. Additional information will be available there, including booklets of sample test questions and advice on how to prepare for the tests. Preparation for the tests is available to part-time students at the College ABE Centres shown below (see Dates and Locations).

The tests are scheduled several times each year in either Chilliwack or Abbotsford. The $5 administration fee for all or any of the tests is payable at the time of application. It is not refundable.

Dates and Locations

Full-time ABE Levels 2 and 3 and ABE Level 4 programs are offered on a continuous intake basis on both the east and west campuses. Enrolment occurs monthly as space permits.

Full-time basic studies and academic upgrading programs at Mission, Hope and various outreach locations in both eastern and western regions are offered from late September through to April.

Academic upgrading, basic studies and GED preparation programs are offered on a part-time basis in Abbotsford, Chilliwack, Hope, Mission and Agassiz during the months from September through to June.

Complete information concerning these dates and locations can be obtained at any college office.

Entrance Requirements

For all Adult Basic Education programs you must be 17 or over and must have been out of the public school system for at least one year.

How to Apply

Student Services and regional offices of Fraser Valley College have information kits outlining admission procedures for the Adult Basic Education program. Before you make a formal application, you will receive assistance from an instructor of the ABE program, who will help you choose the courses you need.

Fees

Fees are paid on a monthly basis for full-time students and for 20 session blocks for part-time students.

Under certain conditions, training costs and financial aid may be available through your local Canada Employment Centre, Indian Band District Councils, and other agencies. Direct enquiries to the agencies concerned.

HIGH SCHOOL COMPLETION

Courses are available which are equivalent to Biology, Chemistry, French, Physics, and Social Studies 11; Biology, English and Mathematics 12. See College Preparatory Programs.

Employment Preparation

Employment Preparation programs are designed to improve your self-confidence, increase your knowledge of training and employment opportunities, and develop your capacity for getting along with employers. Although all of these programs have objectives in common, you may choose group or individualized learning situations, in men's, women's, or mixed groups.

Courses Offered

EDUCATIONAL AND CAREER ORIENTATION (ECO), 60 HOURS

For women who need help with occupational choices; who need more information about community resources; who wish to return to work or school after an extended period of time; or who are making adjustments to a new life.

BASIC EMPLOYMENT SKILLS TRAINING (BEST), 1 WEEK SHORT FORM; 8 WEEKS LONG FORM

To prepare trainees for entry or re-entry into the labor market; develop job finding and holding skills, assess skills, aptitude and potential, and to provide a variety of job experiences. Weeklong workshops will be available in job application techniques, orientation to career and training opportunities, skills assessment, and other topics, including vocational preference and aptitude testing.

WORK ACTIVITY PROGRAM (WAP)

Trainees spend from three to six months on the course alternating three weeks with forestry crews and one week in the classroom. WAP is operated in co-operation with the Ministry of Human Resources. Applicants are referred to this program by the Ministry.

SKILLS FOR OCCUPATIONAL SURVIVAL (SOS), 4 MONTHS

For men and women, regardless of their educational background, age, or scholastic ability. Students learn how to make changes in their lives, be it to continue an interrupted education, find and hold a job, or explore better ways and means to cope in everyday life. (See your social worker if you are on GAINS or the PREP officer.)

Entrance requirements

For all Employment Preparatory programs you must be 17 or over and must have been out of the public school system for at least one year.

How to apply

Student Services and regional offices of Fraser Valley College have information kits outlining admission procedures for Employment Preparatory programs. Complete information concerning dates and locations can be obtained through these offices as well.

Fees

Fees are paid on a weekly, bi-monthly, or monthly basis, depending on the length of the course. Under certain conditions, training costs and financial aid may be available through your local Canada Employment Centre, Ministry of Human Resources, Indian Band Councils, and other agencies. Direct enquiries to the agencies concerned.

College Preparatory

Fraser Valley College offers a number of courses and programs designed to prepare students for further study in a particular program area. College Preparatory programs are intended primarily for students wishing to upgrade their present level of skill and/or prepare to enter a particular academic, career or technical program of study at Fraser Valley College or elsewhere in the province. For those requiring basic upgrading and pre-vocational program studies please see the Adult Basic Education section of the calendar.

Courses Offered

Biology 080 (Biology 11):
Elementary Biology *4 credits*

Prerequisite: General Science 10 or BTSD IV Biology, or GED, or permission of instructor

Emphasis is on learning the language of biology, diversity, and the adaptation of living organisms to their environment. Includes learning microscopic technique and handling laboratory materials.

Biology 090 (Biology 12):
Elementary Biology *4 credits*

Prerequisites: as above

Topics include cell functions, chemistry of biological compounds, introduction to physiology. The chemical and molecular basis of biology is introduced.

Canadian Studies 080 (*Social Studies 11 - half credit):
Themes in Canadian History *3 credits*

Prerequisites: none

An introduction to some aspects of Canadian history such as regionalism, ethnic/cultural relations, independence. Development of reading and writing skills for further academic study in the humanities and social sciences is emphasized.

Chemistry 080 (Chemistry 11):
Preparative College Chemistry *4 credits*

Prerequisites: General Science 10, or BTSD IV Chemistry, or GED, or permission of instructor

Theory and laboratory work for those who wish to prepare for entry into first year university level chemistry.

English 090 (*English 12 - half credit):
Introduction to College Literature *3 credits*

Prerequisites: none

An introduction to the critical study of literature with special emphasis on the twentieth century. Includes poetry, short stories, a novel, a short modern play, and a Shakespearian play.

English 093:
The Spoken Word (advanced English as a Second Language) *3 credits*

Prerequisites: intermediate-level course in English as a Second Language

Corequisite: students may be advised to take English 094 as well

This course is designed to equip students with the oral skills necessary for other courses.

English 094 (*English 12 - half credit):
The Written Word (advanced English as a Second Language) *3 credits*

Prerequisites: intermediate-level course in English as a Second Language

Corequisite: students may be advised to take English 093 as well

This course is a pre-college composition course for students whose native language is not English.

English 095 (*English 12 - half credit):
The Written Word (pre-college composition for native speakers of English) *3 credits*

Prerequisites: none; students may be advised to take BTSD 4 Communications

French 080 (French 11):
Introduction to French *3 credits*

This course prepares students, with little or no background in French, for French 101. Audio-visual techniques are used to teach reading, speaking and writing of French.

Mathematics 080 (Algebra 11):
Preparative College Mathematics *4 credits*

Prerequisites: Mathematics 10 or BTSD 4 Introductory Algebra, or GED, or permission of instructors

This course provides students with the basic background in Algebra required for Math 101. Includes review of basic operations and signed numbers, sets, rational numbers, variables, polynomials, single variable and two-variable equations, relations, functions, introduction to logs and trigonometry.

***Mathematics 101 and Mathematics 102**

These courses together are equivalent to Math 12. For course descriptions see the University Transfer section of the calendar.

Physics 080 (Physics 11):
Preparatory College Physics *4 credits*

Prerequisites: Science 10, or BTSD 4 Physics, or GED, or permission of instructor

Intended for students lacking high school physics who wish to enter first year university level physics. Includes wave motion, mechanics, sound, light, electricity, magnetism, and introduction to the atom. Work includes theory, problem-solving and laboratory experiments.

Reading and Study 099:
Rapid Reading and Study Skills *2 credits*

Prerequisites: none

If you are returning to college after a period of absence from student life, or if you need to improve the efficiency of your reading and study habits in order to do well in your other subjects, you should register in this course. It may be taken in addition to other regular college courses as your course texts will be used during the practical exercises. Reading and Study 099 covers the basic skills needed to succeed in any college course: time management, vocabulary improvement, essay writing, exam preparation and writing strategies, fast textbook reading, notetaking and study methods.

This course commences after the semester begins and ends prior to the end of term so that students have more time to complete their regular courses.

Social Science 090 (*Social Studies 11 - half-credit):
Introduction to Social Science *3 credits*
An introduction to some concepts of anthropology, psychology, and sociology with an emphasis on styles of thinking required to pursue these and other social sciences further.

**Combined Credit: In some cases, to obtain a high school equivalency, it is necessary to take two one-semester preparatory courses:*

- *For English 12: English 090 and either English 094 or 095*
- *For Mathematics 12: Math 101 and 102*
- *For Social Studies 11: Canadian Studies 080 and Social Science 090.*

College Achievement Program

The College Achievement program is a one-year program designed for students who wish to pursue an academic or career program objective. This program enables you to complete part of a regular first year of college studies while participating in a supportive program designed specifically to prepare you for further study.

You are encouraged to enrol in all of the four support courses, and may choose from two to six academic or career courses in this preparatory year. It is expected that on completion of this program your skills and confidence will be increased; thus, chances of successfully completing a full program of academic or career courses in the following year will be improved.

College Achievement has been found to be especially valuable for mature students who are returning to studies after a period of time and who are entering by way of the College's open door policy.

Program options

Three options are available:

Option A — University Transfer courses

Option B — Human Services courses

Option C — Business Management courses

It should be noted that 30 credits are required for a complete first year in the University Transfer program. Appropriate academic courses should be chosen in consultation with a counsellor so that transfer requirements to university programs can be met.

Students enrolling in Human Services or Business Management should discuss their course choices and timetable with the co-ordinators of these programs.

Support courses content

CAP 110; CAP 130:
Reading, Study and Writing Skills *3 credits each*
Each of these courses in first and second term will consist of 30 hours of practical work and 30 hours of lecture and discussion. An initial assessment of skills will be made and an individualized program of study developed for each student.

CAP 120; CAP 140:
Potential Development Training/Career Planning
3 credits each
These courses are designed to develop communication and leadership skills and to provide information about course and career opportunities.

Included are: films, guest speakers, field trips, supervised job experience, interest and aptitude testing.

Entrance requirements

For all College Preparatory programs you must have either a high school certificate or be 19 years of age or over.

How to apply

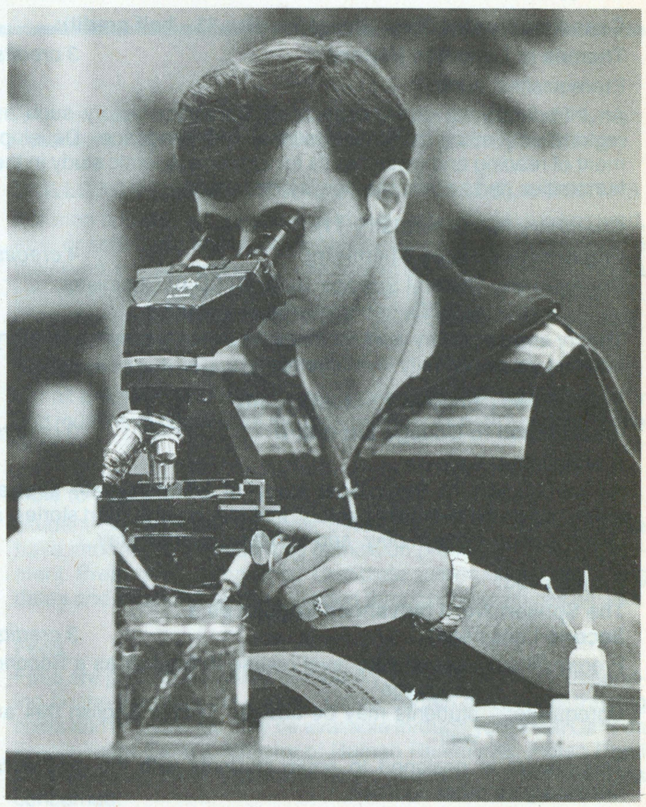
Student Services and regional offices at Fraser Valley College have information kits outlining admission procedures for College Preparatory programs. Complete information concerning dates and locations can be obtained through these offices as well.

Fees

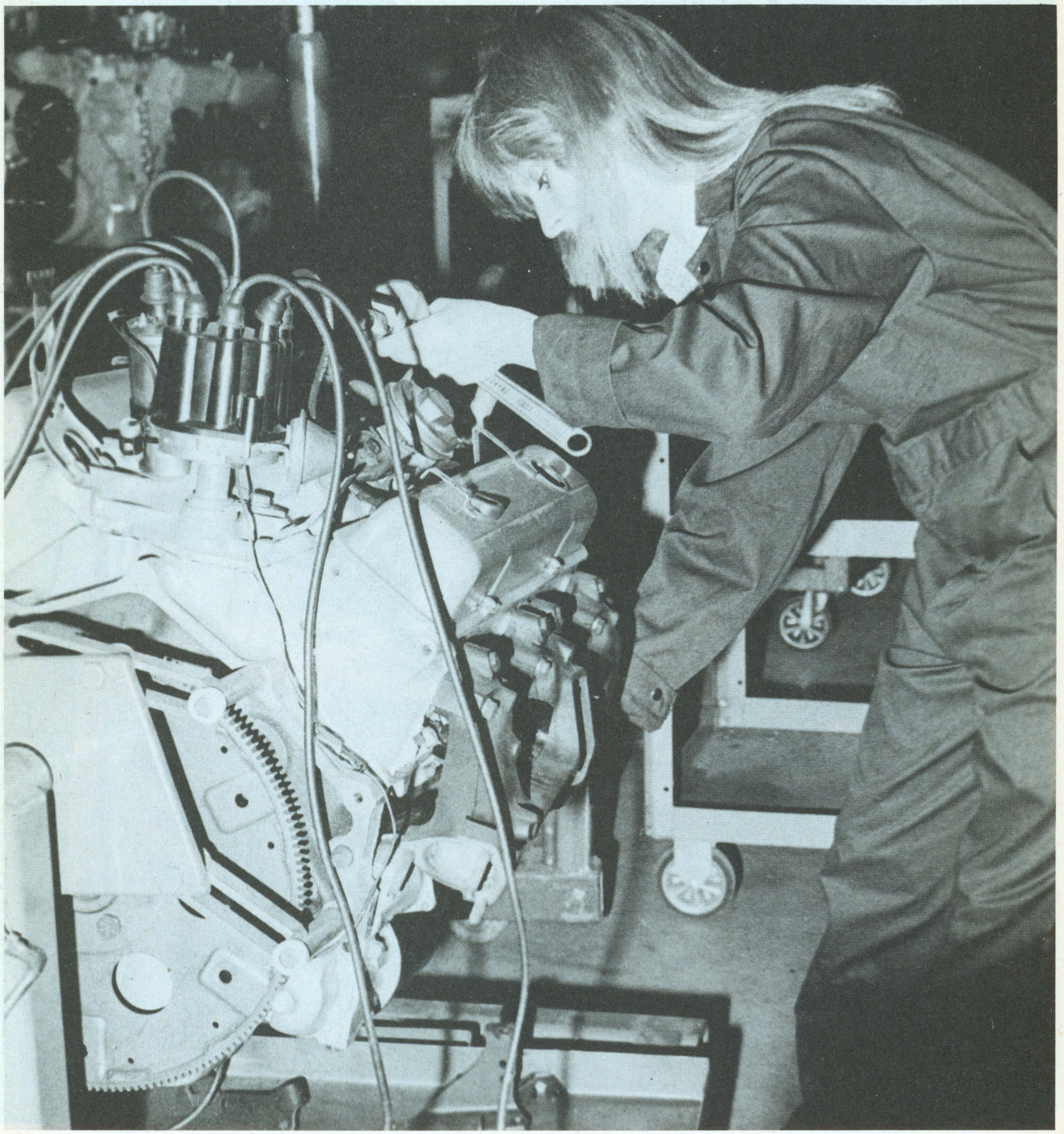
$8.50 per credit, maximum $170.

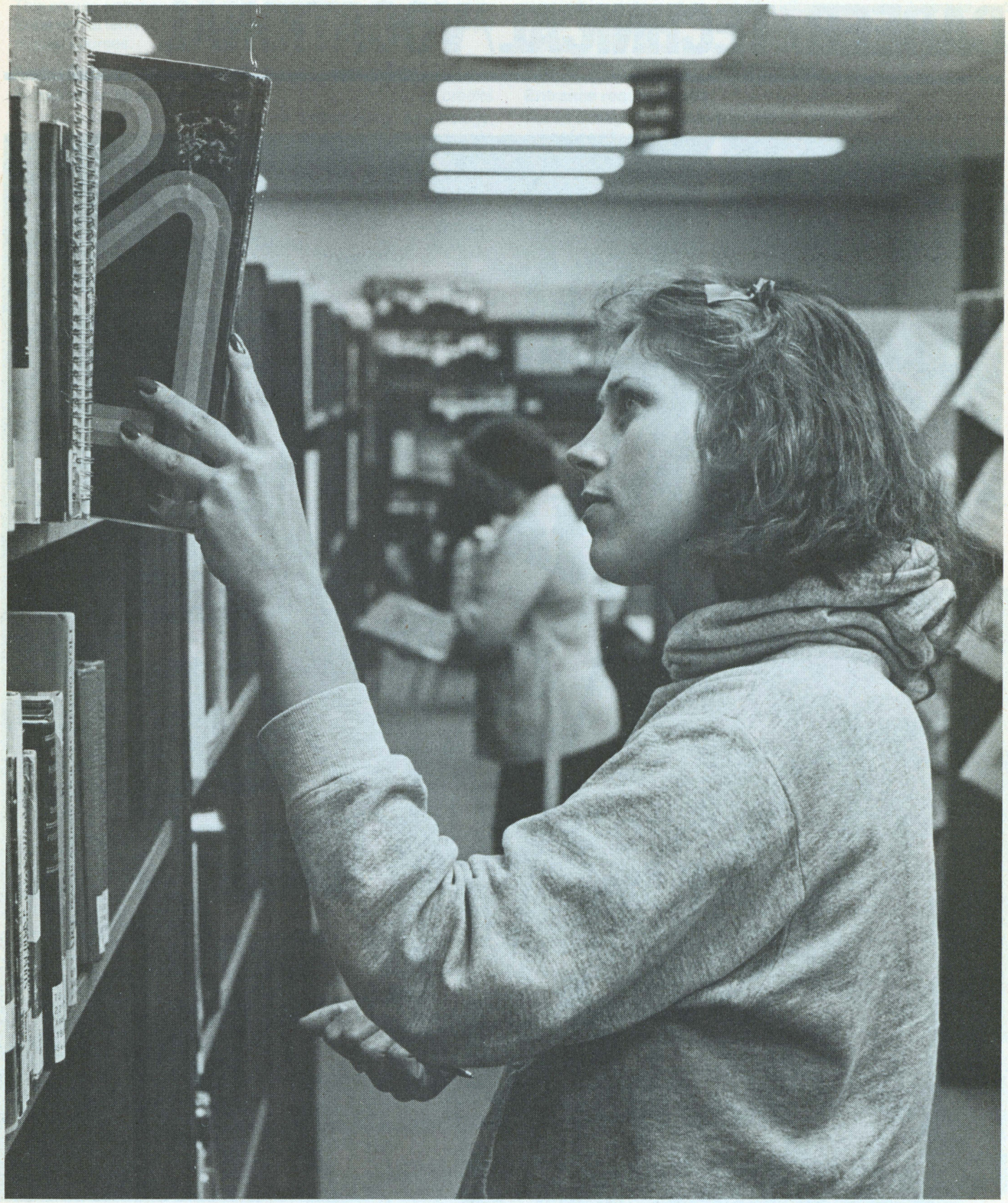
Faculty

Barbara Bate, B.A., B.Ed. (U. of Sask.), M.Ed. (Western Wash.)
Heather Commodore, B.A., B.Ped. (Manitoba)
Tom Davis, B.Sc. (Texas/Arlington)
Rob Dramer, B.Sc. (U. of Washington)
Verna Fleming, Permanent Teacher's Certificate (B.C.)
David Harrison, Ph.D. (Arizona)
Diane Luu, B.A., Prof. Teachers' Cert. (SFU)
Jack McLaren, B.A. (U. of Victoria), M.A. (McMaster)
Susan Massey, B.A. (Montreal), M.A. (McGill), Prof. Cert. ESL (Concordia), M.A. (Ottawa)

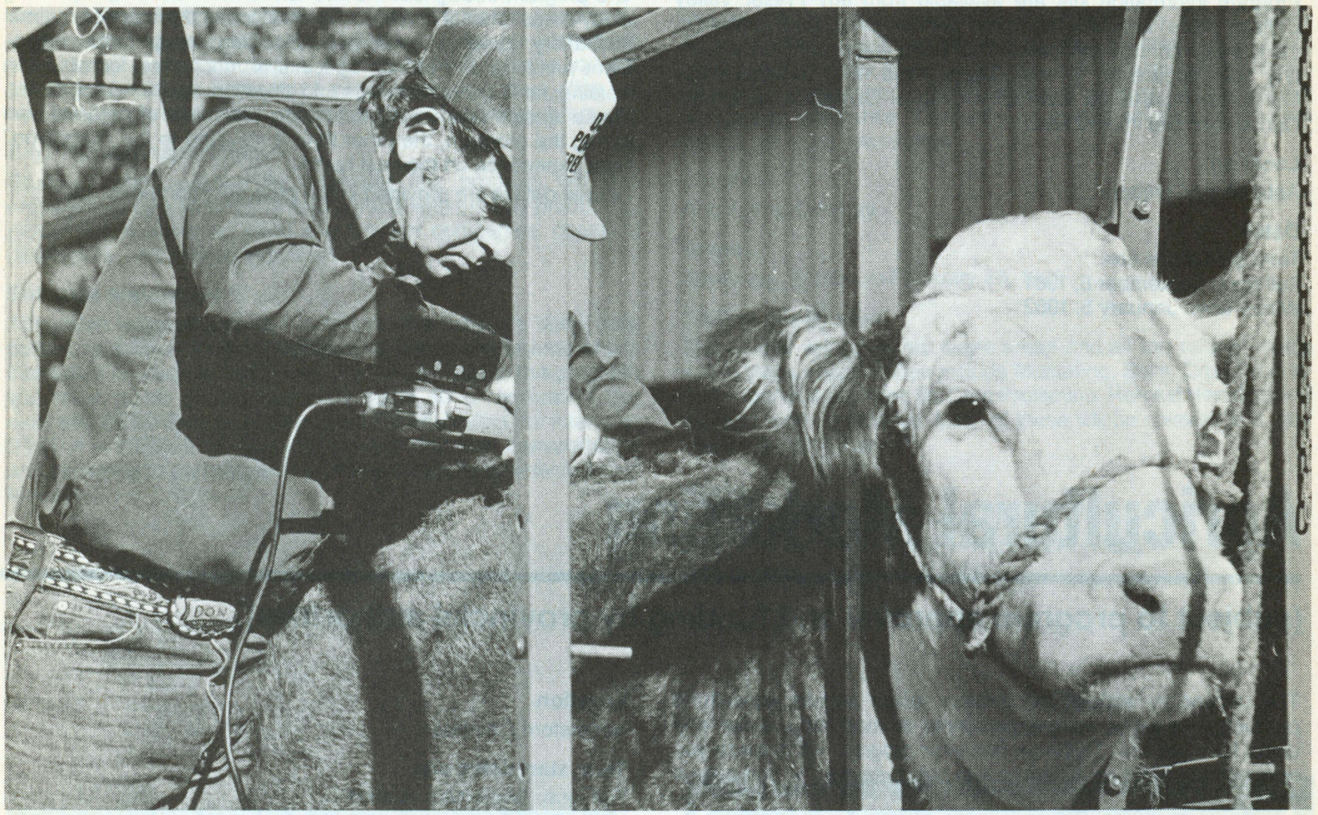


CAREER/TECHNICAL/VOCATIONAL





AGRICULTURE



Animal Production

Primary agriculture is an ever-expanding industry with a high demand for trained personnel. The Animal Production program is designed to prepare students with basic skills for immediate employment in the dairy, beef and swine industries. A desire to work with farm livestock, physical fitness and transportation are the basic requirements.

The Animal Production program is a two-term program (i.e. a fall term and a winter term). Every student will take the program core with the opportunity to specialize in one of three options: dairy, beef or swine. Approximately one third of the student's time throughout the total program will be spent on host farms in "hands on" training experience. A certificate in Animal Production, naming the student's option (dairy, beef or swine) will be awarded on completion of both terms of studies.

Employment opportunities

Students who successfully complete this program will find many employment opportunities with dairy, beef and swine herds throughout B.C. and the prairie provinces. There are also opportunities with the secondary agriculture industry, government, financial institutions and other related industries as inspectors, lab assistants and consultants.

Entrance requirements

Admission requirements are based on the College's open door policy to provide as much opportunity as possible to anyone who is interested in practical agriculture. To be admitted to this program you must (a) be 18 or older with grade 10 or equivalent (for example, BTSD 3) or (b) have grade 12 or equivalent (for example,

BTSD 4 or GED). You must also provide your own transportation and be willing to participate in on-the-job training at selected host farms.

How to apply

Program information kits are available from any Fraser Valley College office. In addition to more detailed program information, the kits also contain application forms and instructions on submitting your application to the College. You may be eligible for Manpower assistance. Contact your local Canada Employment Centre for more information.

Location

Abbotsford Campus.

Dates

Term start dates are:
Fall term: September 8, 1981
Winter term: January 5, 1982

Fees

Current student fees are $8.50 per week.

Program outline

The program throughout the two terms will include the following study areas: animal nutrition; reproduction and parturition; animal husbandry; genetics; breeds and breeding; forage crops; equipment handling and safety; agricultural mechanics, construction welding; farm layout; drainage and irrigation; waste management. These studies take up approximately two thirds of the total time during the program; the other third is devoted to the "hands-on" work experience on the host farms.

Course details are provided in the program information kit.

Agricultural Marketing

(subject to program approval and funding by provincial authorities)

The secondary agricultural industry which serves agricultural production requires trained personnel in marketing, sales and direct farm service. This new one-year program will provide you with skills to obtain employment with businesses in the agricultural service sector.

Employment opportunities

Graduates of the Agricultural Marketing program will have employment opportunities as sales and service representatives with organizations such as feed, fertilizer and seed suppliers, farm chemical distributors, financial institutions and related enterprises.

Entrance requirements

Admission requirements are based on the college's open door policy to provide as much opportunity as possible to anyone who is interested in practical agriculture. To be admitted to this program you must (a) be 18 or older with grade 10 or equivalent (for example, BTSD 3) or (b) have grade 12 or equivalent (for example, BTSD 4 or GED). You must also provide your own transportation and be willing to participate in on-the-job training at selected host farms.

How to apply

Program information kits are available from any Fraser Valley College office. In addition to more detailed program information, the kits also contain application forms and instructions on submitting your application to the College. You may be eligible for Manpower assistance. Contact your local Canada Employment Centre for more information.

Location

Abbotsford Campus

Term start dates are:

Fall term: September 8, 1981
Winter term: January 5, 1982

Fees

Current student fees are $8.50 per week.

Program outline

The program throughout the two terms will include the following study areas: animal nutrition; reproduction and parturition; animal husbandry; genetics; breeds and breeding; forage crops; equipment handling and safety; agricultural mechanics, construction welding; farm layout; drainage and irrigation; waste management. These studies take up approximately two thirds of the total time during the program; the other third is devoted to the "hands-on" work experience on the host farms.

Course details are provided in the program information kit.

Crop Production

(subject to program approval and funding by provincial authorities)

Primary agriculture is an ever-expanding industry with a high demand for trained personnel. The Crop Production program is designed to prepare students with basic skills for immediate employment in crop production. A desire to work with the soil and plants are basic requirements. A certificate in crop production will be awarded on completion of this full-time, 15-week program.

Employment opportunities

Students who successfully complete this program will find employment opportunities in field service with primary producers, processing companies, seed and fertilizer companies, chemical distributors, and related industries.

Entrance requirements

Admission requirements are based on the college's open door policy to provide as much opportunity as possible to anyone who is interested in practical agriculture. To be admitted to this program you must (a) be 18 or older with grade 10 or equivalent (for example, BTSD 3) or (b) have grade 12 or equivalent (for example, BTSD 4 or GED). You must also provide your own transportation and be willing to participate in on-the-job training at selected host farms.

How to apply

Program information kits are available from any Fraser Valley College office. In addition to more detailed program information, the kits also contain application forms and instructions on submitting your application to the College. You may be eligible for Manpower assistance. Contact your local Canada Employment Centre for more information.

Location

Abbotsford Campus

Dates

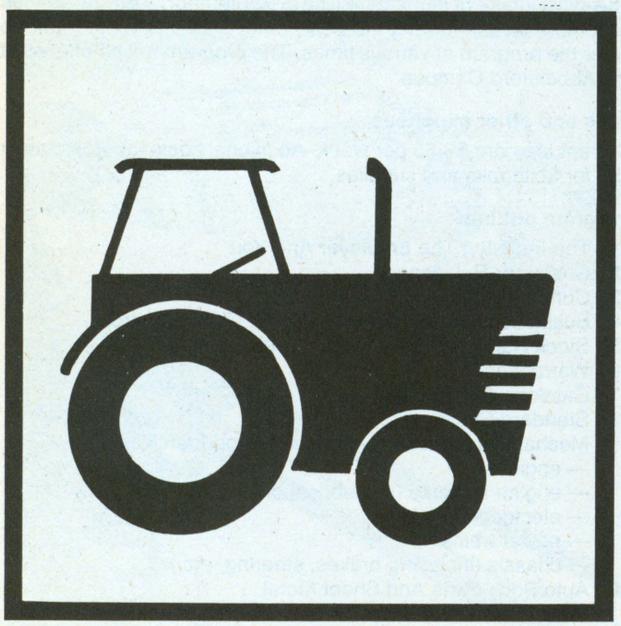
November 2, 1981 to February 26, 1982

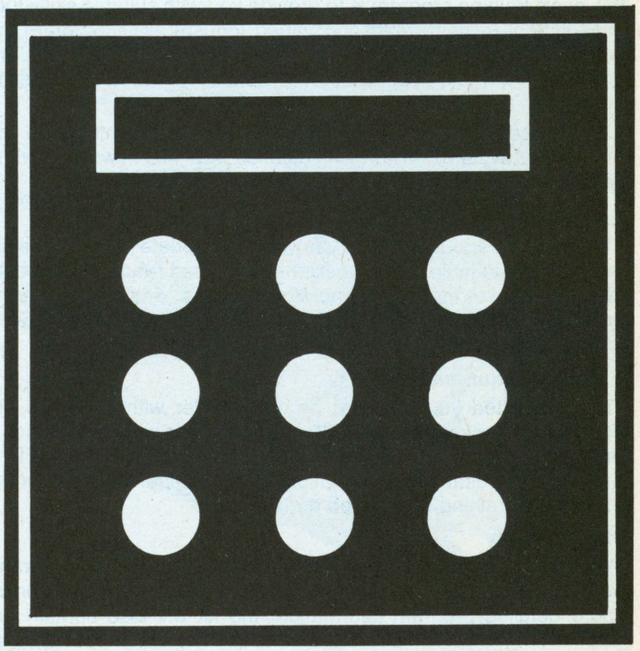
Course description

The course will cover six major areas and all the related topics within these areas. These include Marketing, Soils, Crop Production — general and specific, Crop Protection, Harvest Handling and Storage, and Economics. Each of these will be covered in a very comprehensive manner.

Faculty

John J. DePape, B.S.A. (Missouri)
Murray Anderson, Diploma in Agriculture (Olds)
Joan MacIntosh, M.S.A. (UBC)





AUTO BODY REPAIR NOTE: not offered in 1981/82

NOTE: This program is subject to approval and funding by provincial authorities.

This new program has been developed to provide students with suitable entry-level skills for employment in the auto body repair trade. If you are interested in training in this field you should have a strong interest in mechanics, good physical condition and a desire to succeed. Graduates from this program will normally be eligible for credit on an apprenticeship program leading to qualification as a journeyman tradesperson.

Employment opportunities

There is a strong demand in the auto body repair industry for workers who have good basic skills, work habits and attitudes. If you are successful in this program you should have some good opportunities to obtain employment in junior positions. With suitable work experience and further training you may wish to set a goal of becoming a shop supervisor or of opening your own business.

Entrance Requirements

To be admitted, you must (a) be 18 or older with grade 10 or equivalent (for example, BTSD 3) and one year's work experience or (b) have grade 12 or equivalent (for example, BTSD 4 or GED).

How to apply

A program information kit for the Auto Body Repair program will be available from any Fraser Valley College office. In addition to more detailed program information, the kit will also contain an application form and instructions on submitting your application to the College. You may be eligible for Manpower assistance. Contact your local Canada Employment Centre for more information.

Dates and location

The program is scheduled to start in September, 1981, and will be located at the Portage Avenue facility in Chilliwack.

Fees and other expenses

Current student fees are $8.50 per week. Other additional costs: approximately $100 for textbooks, basic set of tools, etc.

PARTSMAN/COUNTERMAN

Note: This program is subject to approval and funding by provincial authorities.

The automotive after-market, which provides replacement parts and service to vehicles after they are sold and on the road is believed to be Canada's fastest growing industry. The objective of this basic training program is to provide you with suitable skills for employment in this broad and varied industry. The program is organized in self-paced modules that will allow you to learn at your own rate. Normally, you should be able to complete this basic program in 6-7 months.

To be successful as a partsman you should be interested in mechanical systems, in handling detailed work and in working with people.

Employment opportunities

This program should provide you with appropriate skills for initial employment in junior parts positions in a broad range throughout the after-market industry: general parts firms, dealerships, farm equipment, fleet servicing, heavy equipment firms, as well as a variety of industrial and warehouse settings.

Entrance requirements

To be admitted you must (a) be 18 or older with grade 10 or equivalent (for example, BTSD 3) and one year's work experience, or (b) have grade 12 or equivalent (for example, BTSD 4 or GED), and (c) have suitable transportation so you can participate in work experience training at selected parts firms.

How to apply

A program information kit for the Partsman/Counterman program will be available from any Fraser Valley College office. In addition to more detailed program information, the kit will also contain an application form and instructions on submitting your application to the College. You may be eligible for Manpower assistance. Contact your local Canada Employment Centre for more information.

Dates and location

The initial intake of students will be in September, 1981. As spaces become available during the year, other students will be able to enter the program at various times. The program will be offered at the Abbotsford Campus.

Fees and other expenses

Current fees are $8.50 per week. Additional costs: approximately $50 for textbooks and supplies.

Program outline

1. The Industry, The Employer And You
2. Customer Relations
3. Communications
4. Business Systems, Cash Handling, Credit Control
5. Stock Handling, Warehousing and Inventory
6. Warranties
7. Catalogs And Applications
8. Standard Stock
9. Mechanical Systems — Functions And Identification
   - — engines
   - — engine systems (i.e. lubrication, cooling, fuel, etc.)
   - — electrical systems
   - — power trains
   - — chassis (including brakes, steering, etc.)
10. Auto Body Parts And Sheet Metal
11. Work Experience

BUILDING CONSTRUCTION

Building construction is an important industry with a high demand for qualified personnel. This modular program is designed to provide you with basic skill requirements for entry into the trade.

Physical fitness, strength and stamina suitable for the demands of the trade, plus good eyesight and the ability to work at heights are required by employers in this field. Job applicants are most successful if they have the ability to produce effectively with a minimum of direct supervision, the capacity to work under all types of conditions, and willingness to adapt to adverse conditions.

Employment opportunities

Students who are successful in this training program will find they are well-suited for the many employment opportunities that exist in the construction industry and construction-related businesses: carpenter, building equipment and supplies salesperson, construction shipping and delivery person, contractor's assistant, estimator, building maintenance, drafting assistant.

Entrance requirements

To be admitted, you must (a) be 18 or older with grade 10 or equivalent (for example, BTSD 3) and with one year's work experience; or (b) Grade 12 or equivalent (for example, BTSD 4 or GED).

How to apply

Contact your nearest Fraser Valley College office for further information. You may be eligible for Manpower assistance. Contact your local Canada Employment Centre for more information.

Dates and location

Contact any Fraser Valley College office for the start dates of 'entry' modules. The program is located at the Portage Avenue facility in Chilliwack.

Fees and other expenses

Current student fees are $8.50 per week. Additional costs: approximately $75 for textbooks and supplies.

Program outline

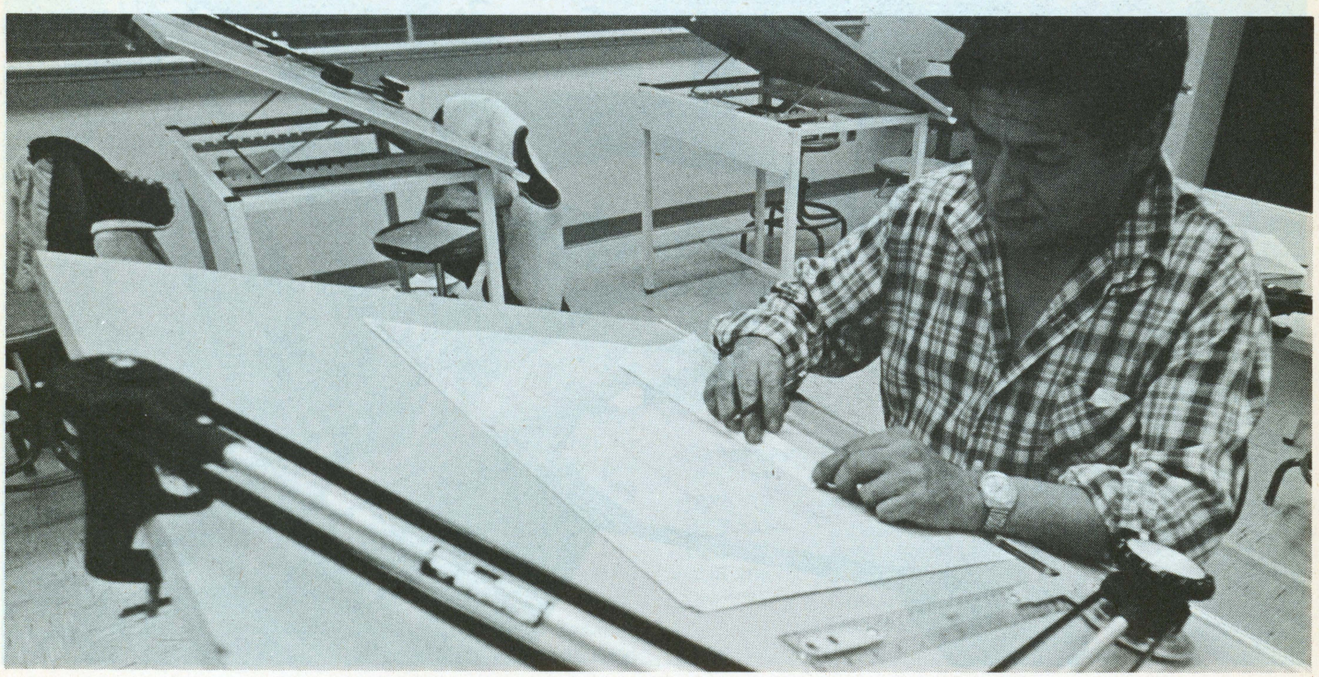
The Building Construction program has been developed to cover the broad field of construction as it applies to industry, home and farm construction. Format is flexible, based, for the most part, on two-week and four-week modules allowing you to begin and end studies at various times. Each module is a 'short course' unit which teaches the theory and skills of a special area. At the completion of the unit, you must demonstrate that you can perform the unit's objectives. This achievement is documented, and you then proceed to another unit.

Unit topics are: Introduction to Construction; Drafting; Materials and Their Use; Floor Framing; Wall Framing; Roof Framing; Exterior Finishing; Interior Finishing; Cabinets and Furniture; Estimating and Codes; Site Surveying; Form Work; Concrete Technology.

Course outlines and scheduled dates of individual units are available from any college office.

Faculty

Harvey McCullough, B.C. Cert. Qual. (Carp.)

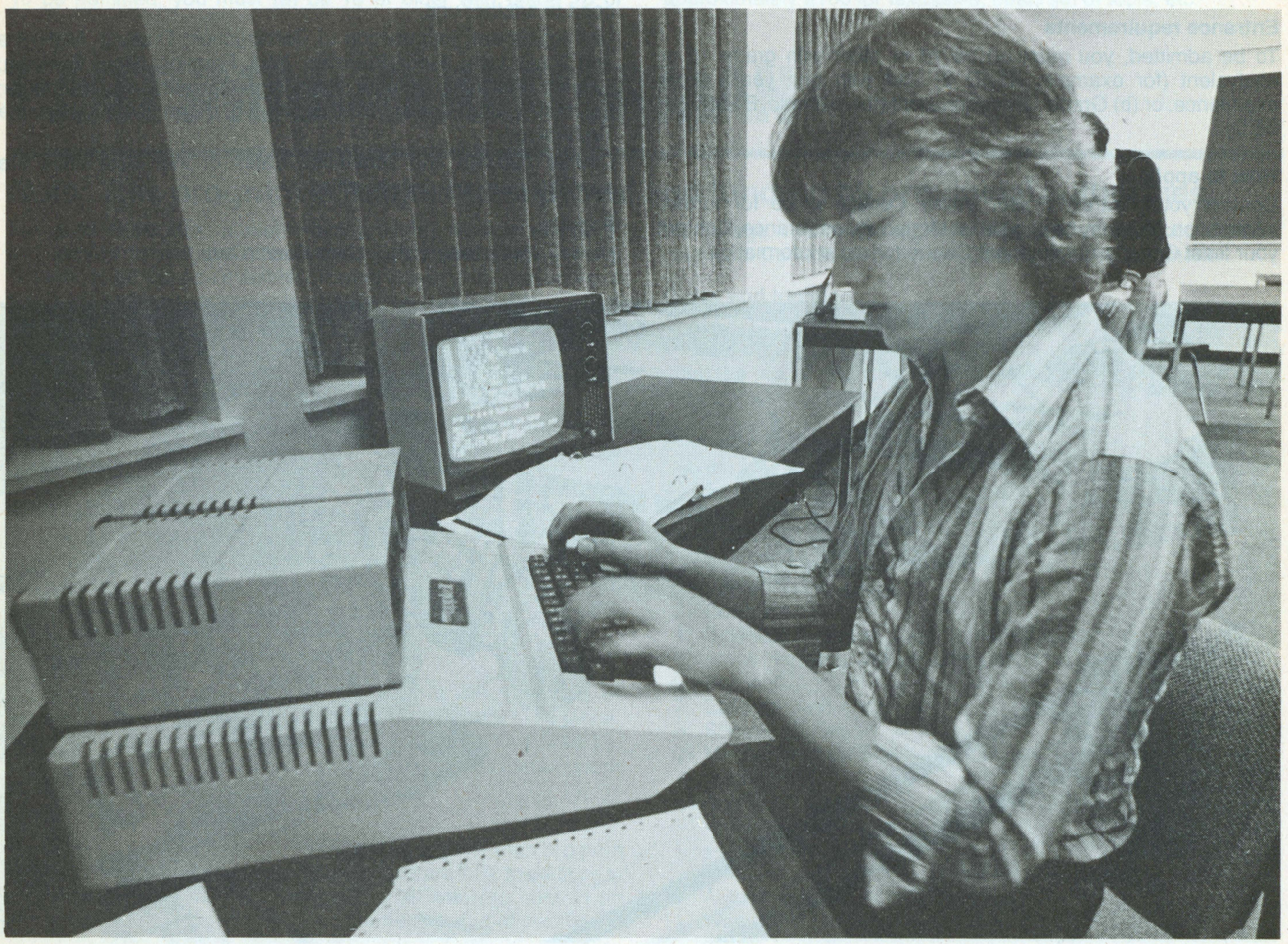


BUSINESS MANAGEMENT

Business management today is an exciting and challenging occupation, requiring dedication, common sense, hard work and a sound education in many subjects and disciplines.

Fraser Valley College offers a number of programs to help you become an effective manager and succeed in business:

- Business Administration Program: 2-year diploma
- Retail and Merchandising Programs:
  - General Option — 2-year diploma
  - Fashion Option — 2-year diploma
  - Retail Skills Program: evening certificate
- Business Administration Evening Program: certificate
- University Transfer Program in Commerce and Business Administration
- BCIT Transfer Program: 1 year



Business Administration

This two-year diploma program is designed to give you a solid educational background on which to build a career in management. It stresses practical management skills and fundamental business theory. In the first year of the program, you will be exposed to fundamental principles in a wide range of business subjects. The second year emphasizes the application of these principles to the major business areas of marketing, production, finance and personnel.

Transferability and job placement

The first year of the diploma program is similar to the business management program offered by the British Columbia Institute of Technology. To meet BCIT's first-year requirements for three management technologies (administration, financial or marketing management) you can take additional courses available at Fraser Valley College. You can then complete the second year at BCIT and receive their diploma on completion of that Institute's requirements. Other community colleges in British Columbia offer business management programs similar to Fraser Valley College and in most instances transfer is possible.

Some of the business administration courses offered at Fraser Valley College have transferability with the Institute of Chartered Accountants of British Columbia (C.A.), the Certified General Accountants Association of British Columbia (CGA) and with the Society of Management Accountants of British Columbia (RIA). Specific course transferability is indicated below each course description. If your objective is to complete the commerce program at UBC or SFU, consult a college counsellor about the university commerce program. The first year of both these university programs consists of arts and sciences courses available at Fraser Valley College. Subject to budget approval and transfer of credit changes with UBC and SFU you may also be able to complete your first year of Commerce at Fraser Valley College starting September 1981. (See program co-ordinator for further information.)

On successful completion of the requirements of the two-year program, you should be equipped for many management training positions or junior management positions in medium or large firms, and in small businesses such as real estate companies, farms, small retail stores and supermarkets.

Entrance requirements

Because the Business Administration program at Fraser Valley College is very demanding, prospective students for the diploma program are required to have completed grade 12 on the academic program. Algebra 11 is a specific prerequisite. If you don't have these qualifications, you may apply to the College for special courses prior to registering in the Business Administration program.

A score on the English Placement Test (EPT) is required for entry into Communications 363 and 365 and because these courses are part of the core curriculum (363 for Business Administration and 365 for Retail and Merchandising) students are advised to take the test before August, 1981. This does not affect admission into the program.

How to apply

Program information kits are available from the Student Services and regional offices. An application form, as well as detailed instructions on how to apply and other useful information, is enclosed.

Dates and locations

To complete the program in the minimum time (two years), you will have to start in September of each year. If necessary, you may start the program in January. However, only a limited number of courses may be taken then and, consequently, it will take longer to complete the program.

First-year courses are offered during the day at both the Chilliwack and Abbotsford campuses. Courses in the second year may be distributed between the two campuses, with some offered in the evening only.

Fees and other expenses

The fee is $8.50 per credit, with a maximum of $170 per semester. In addition, books and supplies cost approximately $300 per year.

Program outline

Semester I		*Credits*
BUS 301	Introduction to Business	3
BUS 321	Principles of Accounting I	3
BUS 331	Business Mathematics	3
BUS 341	Basic Marketing I	3
BUS 361	Microeconomics for Business	3
COMM 363	Business Communications I	3
		18

Semester II		*Credits*
BUS 302	Administrative Practices	3
BUS 322	Principles of Accounting II	3
BUS 332	Business Statistics	3
BUS 342	Basic Marketing II	3
BUS 362	Macroeconomics for Business	3
COMM 364	Business Communications II	3
		18

Semester III		*Credits*
BUS 401	Personnel	3
BUS 425	Basic Business Finance I	3
BUS 465	Business Law I	3
BUS 439	Management Information Systems	3
	One Arts or Sciences Option	3
	One Business Option	3
		18

Semester IV		*Credits*
BUS 411	Business Policy	3
BUS 412	Current Canadian Business Issues	3
BUS 413	Business Simulation	3
BUS 426	Basic Business Finance II	3
BUS 466	Business Law II	3
	One Arts or Sciences Option or	3
	One Business Option	
		18

Retail and Merchandising

The twentieth century has seen a huge expansion in the choice of merchandise and services available to consumers. With that expansion, has come the need for trained personnel in all levels of the distribution channel from manufacturing to retail, and in all business functions relating to the distribution of goods and services.

From the standpoint of employment, two of the fastest growing segments in Canada are retailing and merchandising. Both offer opportunities for exciting, people-oriented careers, where individuals can use their creative and management skills to their fullest potential.

Because of the wide variety of careers available in small or large organizations, or in your own business, in all aspects of retailing, merchandising and promotion of consumer goods, the Business Management Department has designed a diploma program that you can tailor to your own special career needs. We have identified the core courses that are important to any individual going into business at the junior management level. To this core we have added general merchandising and retailing courses for a general option and fashion merchandising courses for a fashion option.

In addition to the diploma program we also offer a Retail Skills Certificate program that can be completed in the evenings. A more detailed description of the Retail Skills program follows the program outline for the Retail and Merchandising diploma program.

Transferability and job placement

Students graduating with the two-year diploma will be prepared for most management training positions or junior management positions in the retail sector, sales positions in the manufacturing and wholesale sector and positions in merchandise management at a junior level for all levels of the consumer product channel.

In addition, some of the courses in the diploma program will transfer to other colleges (such as BCIT) and to other associations and institutions. Please check course descriptions for specific transferability.

Entrance requirements

Same as Business Administration program preceding.

How to apply

Same as Business Administration program preceding.

Dates and location

To complete the program in the minimum time (two years), you will have to start in September of each year. If necessary, you may start the program in January. However, only a limited number of courses may be taken then and, consequently, it will take longer to complete the program.

Many of the general business courses will be offered in both Chilliwack and Abbotsford. The specialized fashion and retail courses will be offered in Abbotsford only. Most courses will be offered in the day, however certain courses will be offered in the evening only. The program includes a work/study experience during the second semester of each year which requires 80 hours of work (without pay in the first year and with or without pay in the second year), in a selected retail outlet in the Fraser Valley area, or as *an option* a wholesale retail or manufacturing company in Vancouver.

Fees and other expenses

Same as Business Administration Program preceding.

Program outline

Diploma program — retail and merchandising

Core courses – for all options

Semester I		*Credits*
BUS 301	Introduction to Business	3
BUS 361	Microeconomics	3
BUS 334	Retail Math & Bookkeeping	3
COMM 365	Business Communications for Retail/Merchandising	3
		12

Semester II		*Credits*
BUS 303	Human Relations in Business	3
BUS 362	Macroeconomics	3
COMM 368	Oral Communications	3
BUS 386	Seminar/Work Experience I	3
		12

Semester III		Credits
BUS 321	Accounting I	3
		3

Semester 4		*Credits*
BUS 486	Seminar/Work Experience II	3
BUS 439	Management Information Systems	3
		6

General option

In addition to the core courses listed above a student must complete the following courses to receive a general Retail and Merchandising Diploma.

Semester I		*Credits*
BUS 341	Marketing	3
BUS 447	Salesmanship	3
		6

Semester II		*Credits*
BUS 342	Marketing	3
FM 380	Presentation & Display	3
		6

Semester III		*Credits*
BUS 337	Data Processing	3
BUS 453	Retail Management	3
Business option		3
Business option		3
Elective	(from approved list)	3
		15

Semester IV		*Credits*
BUS 454	Merchandising	3
BUS 450	Advertising & Sales Promotion	3
Business option		3
Elective	(from approved list)	3
		12

Choose business options from the following:

BUS 401	Personnel
BUS 322	Accounting II
BUS 441	Marketing Management
BUS 448	Sales Management
BUS 302	Administrative Practices

Fashion option

In addition to the core courses listed above a student must complete the following courses to receive a Fashion Merchandising Diploma.

Semester I		*Credits*
BUS 340	Marketing	3
FM 381	Introduction to Fashion	3
		6

Semester II		*Credits*
FM 384	Textiles	3
FM 380	Presentation & Display	3
		6

Semester III		*Credits*
FM 383	Textile and Apparel Marketing	3
BUS 453	Retail Management	3
BUS 447	Salesmanship	3
Elective	(from approved list)	3
Business option		3
		15

Semester IV		*Credits*
FM 382	Retail Fashion Publicity and Promotion	3
BUS 454	Merchandising	3
Business Management option		3
Elective	(from approved list)	3
		12

Choose business options from the following:

BUS 448	Sales Management
BUS 337	Data Processing
BUS 441	Marketing Management
BUS 302	Administrative Practices

Electives — Approved list for General Option and Fashion Option

All of the following courses are transferable and are described in the University Transfer section of this calendar.

Anthropology 101 & 102	Political Science 110
Anthropology 220	Political Science 120
Geography 220	Psychology 100
Geography 230	Psychology 101 & 102
History 101 & 102	Sociology 101 & 102
History 105	

Students in the Fashion Option may also take Fashion Design courses from the Fine Arts Department as their electives.

Retail Skills

The Retail Skills program is structured for individuals currently employed in retailing, or contemplating a career in retail sales, and for individuals who are owners or managers of retail outlets. All sessions are offered in the evening. Each topic area is skills oriented, designed to teach the students practical skills, which can be used immediately in their work environment.

The total program includes about 140 hours of instruction and can potentially be completed in one year. Those who complete the total program and have a minimum of one year, full-time (or equivalent) retail work experience, approved by the program co-ordinator, will be granted a certificate.

The program is also designed for those who are only interested in taking a few of the sessions offered. Certain topic areas may be taken separately where indicated (from module A) others can only be taken as part of the entire module (module B, C, D & E). After completion of each module a Statement of Program Completion will be granted.

NOTE: The offering of this program in this format is subject to budget approval. However, many of these sessions will be offered through the Continuing Education Division, as an alternative, if budget is not approved.

Program outline

A. Personal & Non-personal Selling (65 hours)
- Retail Selling*
- Communicating with Customers*
- Cash Register Operation*
- Presentation & Display*
- Retail Math
- Job Seeking Skills

*May be taken separately.

B. Planning A New Store (25 hours)
- Target Marketing
- Location Analysis
- Layout
- Expense Projections
- Assortment Development

C. Merchandising Systems and Planning (25 hours)
- Retail Inventory Method
- Merchandise Planning, Budgeting and Control
- Inventory Management

D. Store Operating Skills (20 hours)
- Receiving and Marking
- Buying Strategy
- Improving Key Operating Factors
- Stock Shortage Control

E. Sales Promotion (20 hours)
- Advertising
- Presentation and Display

Business Administration Evening Program

The evening certificate program in business administration is designed to provide basic business education for people actively engaged in the professional and business community.

The program consists of two parts. In Part I you will complete six semesters of core courses which provide a general background in the fundamentals of business. Part II of the program allows you a choice of courses depending on your interests or requirements.

Transferability

All evening courses are transferable to the diploma program. Also, many of the evening certificate courses are transferable to BCIT, the Certified General Accountants Association (CGA) and the Society of Management Accountants (RIA). In addition, many of the courses are recognized for the BCIT certificate in public administration, and by the Municipal Administrator's Education Council of BC. Check course descriptions for specific transferability.

Entrance requirements

To be admitted to the certificate program, you must have worked on a full-time basis for at least one year after leaving high school. Under certain circumstances, at the discretion of the co-ordinator of the Business Administration program, you may be allowed to complete the certificate program as a full-time day student.

How to apply

If you are interested in completing the certificate program at Fraser Valley College, you should obtain a program information kit from the Student Services offices at either the east or west campuses and complete the enclosed application form.

If you are only planning to take a few courses for credit toward some other program at another institution or for interest, it is not necessary to apply prior to normal registration dates for the College.

Dates and locations

Evening business courses are offered at both the east and west campuses during both the fall and winter semesters. Contact Student Services for specific dates and courses. At least one of the three core courses will be offered each semester at one or both campuses. The core courses will be repeated on a three-year cycle.

Fees and other expenses

$8.50 per credit to a maximum of $170 per semester; books and supplies will cost approximately $20 per course.

Program outline

Part I		*Credits*
BUS 321	Accounting I	3
BUS 322	Accounting II	3
COMM 363	Business Communications I	3
COMM 364	Business Communications II	3
ECON 201	Principles of Microeconomics	3
ECON 202	Principles of Macroeconomics	3
		18

Part II		*Credits*
	Any other 6 business courses offered for credit	18

Length

You may take three to ten years to complete the requirements for the certificate program. We recommend that a person working full-time take no more than two courses in the evening per semester, as approximately one to two hours of reading and assignments at home are required for every classroom hour. Once you have completed the requirements you may apply to Student Services for the certificate.

Course Descriptions

Explanation of transferability symbols

BCIT — British Columbia Instituttute of Technology
CA — Institute of Chartered Accountants of B.C.
CGA — Certified General Accountants Association of B.C.
RIA — Society of Management Accountants of B.C.
APA — Institute of Accredited Public Accountants
UBC — University of British Columbia
SFU — Simon Fraser University
College — Most British Columbia colleges.
Mun — Municipal Administrators' Education Council of B.C.
Other — See Program Coordinator for Details

Business 301:
Introduction to Business *3 credits*

Prerequisites: none
Transferability: BCIT, College, Mun

An orientation to the nature of business in the private enterprise system. The nature and functions of management are examined with particular emphasis on the management functions of planning and organizing and how they relate to company objectives, finance, personnel, production and marketing. Typical cases taken from industry are studied to encourage you to think for yourself.

Business 302:
Administrative Practices *3 credits*

Prerequisites: BUS 301, or permission of instructor.
Transferability: BCIT, CA, APA, College, Mun.

A detailed study of the functions of management: planning, organizing, directing, and controlling. This course includes a study of organization power, authority, and "politics". A detailed examination of the planning process, including decision-making, organization and leadership, motivation, supervision and communication, the control process, and cost-benefit analysis, concludes the course.

Business 303:
Human Relations in Business *3 credits*

Prerequisites: none
Transferability: BCIT, CA, RIA, APA, College, Mun, SFU

A dynamic course in the psychology of behavior of individuals, groups and organizations in our society, with particular emphasis on business organizations. Role-playing and case analysis are used extensively.

Business 321:
Accounting I *3 credits*
Prerequisites: none
Transferability: BCIT, RIA, APA, College, Mun, UBC
An exposure to basic accounting theory and practice with an emphasis on relevant application to practical business situations. More specifically, the course covers basic bookkeeping and financial statement preparation for unincorporated entities such as merchandisers and providers of services for fees. Emphasis is placed on the usefulness of an accounting system.

Business 322:
Accounting II *3 credits*
Prerequisites: Bus 321, or permission of instructor
Transferability: BCIT, CA, CGA, RIA, APA, College, Mun, SFU, UBC, other
A continuation of Accounting I, with specific emphasis on corporate entity accounting, and an introduction to partnership accounting. The course also provides an introduction to the following areas: cost accounting, working capital, financial data analysis and consolidated financial statements. It provides, in addition, a summary of accounting principles.

Business 331:
Basic Business Mathematics *3 credits*
Prerequisites: Algebra 11, or permission of instructor
Transferability: BCIT, CGA, RIA, College
Review of basic mathematics applicable to business and industry; mathematics of finance, including retail operations; simple and compound interest; discounts; annuities; financial papers; and depreciation methods. Emphasis is on practical applications to the field of financial management.

Business 332:
Business Statistics *3 credits*
Prerequisites: Bus 331, or permission of instructor
Transferability: BCIT, CA, CGA, RIA, College, Mun
Studies the theory and technique of compiling, presenting and interpreting data for decision-making in business. Measures of central tendency and dispersion; elementary probability: index numbers; sampling techniques and intervals; analysis of time series for trend; seasonal and cyclical fluctuations; confidence limits of the mean; hypothesis testing; correlation and regression; indexing; statistical quality control.

Business 334:
Retail Mathematics and Accounting *3 credits*
Prerequisites: none
Transferability: none
This course will review basic arithmetic in preparation for a variety of retail business applications. Factors affecting profitability are studied along with basic profit and loss statements and various ratios used in profitability analysis. Various commonly used forms and related calculations are studied with relation to inventory; merchandise pricing and re-pricing; inventory planning; and quantity, trade and cash discounts.

Business 335:
Office Management *3 credits*
Prerequisites: none
Transferability: BCIT, College
An introduction to the realities of office management. It exposes you to ways of thinking about office work and problem-solving in the office environment. The course deals with workflow; paperwork; office machines and their use; mailing; filing systems; and the use of a computer in the business office.

Business 336:
Office Systems and Procedures *3 credits*
Prerequisites: Bus 335, or permission of instructor
Transferability: BCIT, College, Mun
An introduction to manual one-write, keysort and machine systems. Covers applications such as billing, sales analysis, accounts receivable, accounts payable, expense distribution, inventory, payroll distribution and payroll writing. You will complete a practice set in one-write form. This course also provides a brief introduction to relationships of basic functions such as purchasing, receiving, stockkeeping, production, selling, disbursing.

Business 337:
Introduction to Data Processing *3 credits*
Prerequisites: none
Transferability: BCIT, CA, RIA, APA, College, Mun
A general orientation to computing and data processing: description of computers and how they work, their capabilities and limitations, discussion of peripherals, general impact on business operations, and common data processing operations. BASIC language will be introduced and several problems, including file manipulations, will be done on the computer.

Business 340:
Basic Marketing *3 credits*
Prerequisites: none
Transferability: none
A condensed version of Basic Marketing I and II designed specially for Fashion Merchandising students.

Business 341:
Basic Marketing I *3 credits*
Prerequisites: none
Transferability: BCIT, College
An introductory survey course which examines the marketing environment and the fundamental principles underlying the selling of consumer and industrial goods and services.

Business 342:
Basic Marketing II *3 credits*
Prerequisites: Bus 341, or permission of instructor
Transferability: BCIT, College
A continuation of Basic Marketing I, examining market research, product planning, selection of trade channels, merchandising, advertising, pricing, promotion and selling techniques. Case studies are used extensively to emphasize fundamental principles.

Business 361:
Microeconomics for Business *3 credits*

Prerequisites: none
Transferability: BCIT, CA, CGA, RIA, APA, College

Applies the basic theories of the firm and consumer behavior to modern Canadian business. Topics such as imperfect competition (i.e. monopoly), sharing benefits among the factors of production (i.e. land, labor, capital) and agriculture will be discussed.

Business 362:
Macroeconomics for Business *3 credits*

Prerequisites: none
Transferability: BCIT, CA, CGA, RIA, APA, College

Introduces you to the basics of macroeconomic theory. Topics such as government fiscal and monetary policy, the banking system, the balance of payments and exchange rates will be covered. This course will also emphasize the impact of these areas on contemporary Canadian business.

Communication 363:
Business Communications I *3 credits*

Prerequisites: none
Transferability: BCIT, RIA, College, Mun

An introduction to general principles of written and oral communications and their application to business. Particular emphasis is placed on effective sentence construction, paragraph development and essay style; clarity and precision in both oral and written communication are stressed. You'll make oral presentations in class.

Communication 364:
Business Communications II *3 credits*

Prerequisites: Communications 363, or permission of instructor
Transferability: BCIT, RIA, College, Mun

A continuation of Business Communications I, with particular emphasis on the writing of reports, memoranda and various types of business letters.

Communications 365:
Business Communications for Merchandising and Retail Students *3 credits*

Prerequisites: passing mark on English Placement Test

An introduction to the general principles of written business communications. Focus is on the types of letters (e.g. request, complaint, persuasive), memos, and reports used in the merchandising and retailing fields (e.g. sales, projection reports). As well, letters of application and resumes are examined. You will write a variety of letters, memos and reports.

Communications 368:
Oral Communications and Public Speaking *3 credits*

Prerequisites: none

This course deals with speech-making in various situations, group (both small and large) discussion, meetings, telephone techniques, presentation techniques, and the psychology of oral communications. Students may be required to make presentations outside of class.

Business 386:
Work Experience/Seminar 1 *3 credits*

Prerequisites: must be a full-time retail and mechandising student

Employers and the program co-ordinator will work co-operatively to provide experience on the job and through role playing to aid students in the development of selling and merchandise presentation skills. This course must be taken concurrently with FM 380 Presentation & Display. A minimum of four hours of work per week for a minimum of 15 weeks is required. For Retail and Merchandising students only.

Business 401:
Personnel Administration *3 credits*

Prerequisites: none
Transferability: BCIT, College, Mun

Personnel administration involves the study of recruitment, selection and placement; job analysis; job descriptions; job evaluation; compensation and appraisal plans; employment benefit programs; training and educational programs; labor relations; and personnel planning and evaluation. It will be helpful if you are familiar with the material in Business 301.

Business 402:
Industrial Relations *3 credits*

Prerequisites: none
Transferability: to be announced

A survey of the Canadian labor scene: the impact of trade unions on industry and commerce; union objectives; employer organizations and labor unions as institutions; existing labor legislation and trends; collective bargaining and labor/management relations; mediation arbitration. It will be helpful if you are familiar with the material in Business 401.

Business 407:
Small Business Mangement *3 credits*

Prerequisites: none
Transferability: College

A comprehensive course in how to establish and operate a small business. An examination of the current Canadian economic environment within which small businesses must operate; investigating the market; product analysis; product mix; location; and other factors to be considered before the business is actually established. This is followed by studying forms of business ownership; setting objectives; sources of capital; banking; establishing basic accounting and control systems; budgeting; personnel; advertising; insurance; customer credit; and suppliers.

Business 411:
Business Policy *3 credits*

Prerequisites: full first year, or permission of instructor
Transferability: BCIT, College

An examination of how management sets objectives of a business organization and the importance of planning and control to achieve these objectives. It includes an examination of long-and short-range goals and objectives; policy formation; rules and procedures; and decision making.

Business 412:
Current Canadian Business Issues *3 credits*
Prerequisites: full first year, or permission of instructor
Transferability: none
An examination of current problems faced by large and small business enterprises in Canada. The importance of government controls on business will be of major concern, together with the constraints placed on management by labor unions.

Business 413:
Business Simulation *3 credits*
Prerequisites: none
Transferability: none
A business management computer simulation game that enables students to make period-by-period operating and planning decisions in a competitive environment covering the major functional areas of production, marketing, personnel and finance. This is recommended as a second-year course.

Business 414:
Tourism and Hospitality Management *3 credits*
Prerequisites: none
Transferability: none
An examination of the tourist industry and its effect on management of the hospitality industry, and how to provide good service to the tourist while maintaining a profitable operation.

Business 423:
Management Accounting *3 credits*
Prerequisites: Business 321 or permission of instructor
Transferability: (see instructor)
Basic concepts of managerial or internal accounting such as cost-volume-profit analysis, relevant costs, and responsibility accounting. The course will also provide a brief introduction to personal and corporate taxation.

Business 425:
Basic Business Finance I *3 credits*
Prerequisites: Bus 322, or permission of instructor
Transferability: BCIT, CA, RIA, APA, College, Mun
An overview of the finance function with considerable emphasis on management planning and control. More specifically, financial statement analysis, financial planning, working capital management, and short-term financing are dealt with in the course.

Business 426:
Basic Business Finance II *3 credits*
Prerequisites: Bus 425, or permission of instructor
Transferability: BCIT, CA, RIA, APA, CGA, College, Mun
A continuation from Business 425 including coverage of capital budgeting, long-term financing, cost of capital, dividend policy, and corporate acquisitions and mergers.

Business 439:
Management Information Systems *3 credits*
Prerequisites: Bus 322, or permission of instructor
Transferability: CA, CGA, RIA, APA, College
An examination of the importance of information for business decision-making and the methods used to gather information for management. The course examines systems concepts, data processing systems and management information systems. It also examines computers currently in use in business, data centres, operating systems, controls, installing a computer and current trends in the computer industry. It will be helpful if you are familiar with the material in Business 337.

Business 441:
Marketing Management *3 credits*
Prerequisites: Bus 342, or permission of instructor
Transferability: College
Your knowledge of how the marketing system operates, gained through the introductory marketing course, is supplemented by understanding the varied responsibilities of the marketing manager: the influence of business policies, use of market research, demand, competition, cost analysis, marketing planning, and controlling the marketing program.

Business 447:
Salesmanship *3 credits*
Prerequisites: none
Transferability: BCIT, College
An introduction to professional selling. Emphasis is placed on practical problems of locating and qualifying prospects, use of the depth approach, and improving sales preparation and organization.

Business 448:
Sales Mangement *3 credits*
Prerequisites: Bus 342, or permission of instructor
Transferability: BCIT, College
General principles of sales management are examined. Emphasis is placed on human resources, and on selection, assimilation, training and supervision. An examination of sales research, planning, organization and analysis is also made. The course ends with a discussion of sales management ethics.

Business 450:
Advertising and Sales Promotion *3 credits*
Prerequisites: none
Transferability: BCIT, College
Advertising philosophy and purpose; organization of the advertising function; relationship of advertising to other business divisions; advertising planning; the business management of advertising; the creative process; research; media: newspaper, radio, T.V., magazines, direct mail, outdoor; public relations; copy; layout; art; strategies and campaigns; production and communications; controls; evaluation of results. The course is designed to help you become a competent advertising critic. It will be helpful if you are familiar with the material in Business 341 and/or 342.

Business 453:
Retail Management *3 credits*
Prerequisites: none
Transferability: BCIT, College
Fundamental principles of large-scale and small-scale retailing. The areas examined are principles of retail gravitation, principles of location, trading area analysis methods, assessment techniques for market and sales potentials, productivity problems in retailing, personnel, customer service, accounting controls, use of data processing. It will be helpful if you are familiar with the material in Business 341 and/or 342.

COMMUNICATIONS

The Communications Department offers courses which are required for a number of Career/Technical programs. You can, however, enrol for any communications course (with the exception of Communications 400) without enrolling in a program. You need only to meet any course entrance or prerequisite requirements.

Courses offered focus on basic professional and business writing and oral techniques. Whenever possible, at least one section of the required courses Communications 300 and 363 will be offered in the evening during the fall semester, and one section of the required courses Communications 350 and 364 will be offered in the evening during the winter semester.

Listed below are the Career/Technical programs requiring communications courses and the appropriate communications courses:

Children's Services — Communications 300, 350*
Social Services — Communications 300, 350*
Criminal Justice — Communications 300, 350, 400*
Business Management — Communications 363/364
Fashion Merchandising/Retail Sales — Communications 365/368

*Students required to take Communications 300/350 and who have taken English 100 or the equivalent should see a communications instructor to discuss taking Communications 363/364. Such a substitution of courses does require the approval of a program instructor.

NOTE: To take Communications 300, 363, or 365 you need an English Placement Test Score. If you have not had a chance to write the English Placement Test, you can still enrol in any communications course which requires this test score. Special in-house sittings will be held at the Abbotsford and Chilliwack campuses during the first two weeks of classes. In some cases (such as for part-time, evening, or non-program students) the communications instructor may waive this requirement.

All communications courses are open to any student, provided there is room, who meets prerequisite or entrance requirements.

Course descriptions

Communications 300:

Communications for Human Services *3 credits*

Prerequisite: passing mark on English Placement Test

Introduction to basic techniques and forms of written and oral communications. Included are the communication process, basic principles of organization and structure, outlining, paragraphing, logic, principles of business writing, business letters, memos, and oral presentations.

Communications 350:

Communications II (Advanced) *3 credits*

Prerequisite: Communications 300

Continued application of principles and skills learned in Communications 300. Included are letters of application and resumes, interviewing skills, telephone skills, dictating, memo reports, letter reports, formal reports, graphic aids, and oral presentations.

Communications 363:

Business Communications I *3 credits*

Prerequisite: passing mark on English Placement Test

Transferability: BCIT, RIA, other colleges, Municipal Administrators' Education Council of B.C.

An introduction to general principles of written and oral communications and their application to business. Particular emphasis is placed on effective sentence construction, paragraph development, and style. Clarity and precision in both oral and written communication are stressed.

Communications 364:

Business Communications II *3 credits*

Prerequisite: Communications 363

Transferability: BCIT, RIA, other colleges, Municipal Administrators' Education Council of B.C.

A continuation of Business Communications I, with particular emphasis on memo, letter, and long reports. The report process, the gathering of data, and the use of graphic aids are also examined. Some time is spent on dictating skills.

Communications 365:

Business Communications for Merchandising and Retail Students *3 credits*

Prerequisite: passing mark on English Placement Test

An introduction to the general principles of written business communications. Focus is on the types of letters e.g. request, complaint, persuasive, memos, and reports used in the merchandising and retailing fields, e.g. sales, projection reports. As well, letters of application and resumes are examined. You will write a variety of letters, memos and reports.

Communications 368:

Oral Communications *3 credits*

Prerequisite: none

The focus is on the principles and psychology of effective oral communications. Specific areas include listening skills, interviewing skills, informal presentations to small groups, formal presentations, meetings, communicating with customers, the use of audio visual aids, and telephone techniques.

Communications 400:

Advanced Report Writing and Directed Study for Criminology Students *3 credits*

Prerequisites: Communications 300 and 350

You will be required to develop a program in one of the following areas: Police, Courts, Corrections, Aftercare. During the term you will submit a proposal and a working plan for the report, two short progress reports, and one formal report on the program you develop. You will be required to present and defend your report orally and may be asked to submit a copy of your report to an outside reader.

Faculty

Wendy Burton, B.A. (UVic), M.A. (Queen's)
Ken Fernstrom, B.A. (UVic), M.A. (McMaster), Prof. Certificate (SFU)

DRAFTING — ARCHITECTURAL AND CIVIL

Note: This program is subject to approval and funding by provincial authorities.

This new nine-month program has been developed to provide students with entry-level skills for employment in junior drafting positions in the architectural, civil and related fields. The program has been developed on a modular basis according to the following organization:

a. Core program in basic drafting	3 months
b. Specialized options: Architectural	3 months
Civil	3 months
Total	9 months

If you are interested in pursuing a career as a drafter, you should have good manual dexterity, hand-eye coordination and the ability to communicate and work effectively with co-workers in a design team.

Employment Opportunities

If you complete this program successfully, your training will give you appropriate skills for employment in a junior drafting position with a broad range of private firms or public agencies or departments which provide design and/or drafting services in architectural or civil engineering.

Entrance Requirements

To be admitted you must (a) be 18 or older with grade 11 math, or equivalent course or technical background, and one year of work experience, or (b) have grade 12 or equivalent (for example, BTSD 4 or GED).

How to Apply

A program information kit for the Drafting program will be available from any Fraser Valley College office. In addition to more detailed program information, the kit will also contain an application form and instructions on submitting your application to the College. You may be eligible for Manpower assistance. Contact your local Canada Employment Centre for more information.

Dates and Location

The program is scheduled to start in September, 1981, and will be located at either Chilliwack or Abbotsford.

Fees and other expenses

Current student fees are $8.50 per week. Additional costs: approximately $80 for textbooks and supplies.

Program Outline

Format allows you to select one or both of the specialized options (Architectural and Civil) in addition to the basic core program.



FINE ARTS

The main purpose of Fraser Valley College's two-year Fine Arts program is to educate those who will earn a livelihood as professional artists, designers and art educators. The Fine Arts curriculum reflects the belief that the visual arts, no less than the liberal arts, lead to an understanding and appreciation of oneself, of one's culture and of one's world.

The Fine Arts Department offers three two-year diploma programs: General Studies, Graphic Design and Communications and Fashion Design.

Many courses required in the programs are also transferable to universities and other schools of fine art. Transfer to other schools of fine art may be possible on presentation of an acceptable portfolio. Students intending to apply for admission to a university should choose their courses in consultation with a counsellor and Fine Arts faculty.

Students wishing to apply to any program in Fine Arts will be accepted on a full-time or part-time basis. However, students intending to complete a two-year diploma should plan for full-time study in order to meet the demands of the program.

Entrance requirements

You must be a secondary school graduate, or nineteen years or older, or be recommended for admission by your secondary school principal or superintendent.

How to apply

Contact Student Services or any Fraser Valley College regional centre to obtain an information kit.

Fees and other expenses

Course fees are $8.50 per credit to a maximum of $170 per semester. A studio fee may also be assessed.



General Studies

The popular image of artists in contemporary society has been a misleading one, associating their work and lives almost exclusively with eccentricity and poverty. Artists' statements and understanding of the world can be as important and central as those of their contemporaries in politics or commercial life, and are frequently more lively.

The College's General Fine Arts diploma program is designed for students who are self-directed, flexible and wish to explore several different disciplines and the relations between them. In the General Studies program, options can be designed to reflect your own interests and provide freedom without a relaxation of standards.

However, the Fine Arts Department suggests that you should concentrate either on painting and printing or on sculpture and ceramics, especially in the second year.

Graduates of the General Studies program may work in community recreation programs, in community education programs as teachers of fine arts, in rehabilitation or in other positions that require the skill of a trained artist. Some graduates will become self-employed artists.

PAINTING AND PRINTMAKING OPTION

Program outline

In order to qualify for a diploma, you must complete 16 studio courses (48 credits) two Art History courses (6 credits) and two elective courses (6 credits). Electives must be non-studio courses.

First Year

Semester I	Semester II
F.A. 111 (3 credits)	F.A. 112 (3 credits)
F.A. 121 (3 credits)	F.A. 122 (3 credits)
F.A. 151 (3 credits)	F.A. 152 (3 credits)
F.A. 161 (3 credits)	studio elective (3 credits)
elective (3 credits)	elective (3 credits)
(15 credits)	(15 credits)

Second Year

Semester I	Semester II
F.A. 211 (3 credits)	F.A. 212 (3 credits)
F.A. 221 (3 credits)	F.A. 222 (3 credits)
F.A. 251 (3 credits)	F.A. 252 (3 credits)
studio elective (3 credits)	studio elective (3 credits)
elective (3 credits)	elective (3 credits)
(15 credits)	(15 credits)

Suggested non-studio electives are: Art History, English, Anthropology, Theatre

SCULPTURE AND CERAMICS OPTION

Program outline

First Year

Semester I	Semester II
F.A. 111 (3 credits)	F.A. 112 (3 credits)
F.A. 131 (3 credits)	F.A. 132 (3 credits)
F.A. 141 (3 credits)	F.A. 142 (3 credits)
F.A. 161 (3 credits)	studio elective (3 credits)
F.A. 121 (3 credits)	elective (3 credits)
(15 credits)	(15 credits)

Second Year

Semester I	Semester II
F.A. 231 (3 credits)	F.A. 232 (3 credits)
F.A. 241 (3 credits)	F.A. 242 (3 credits)
F.A. 281 (3 credits)	F.A. 282 (3 credits)
elective (3 credits)	elective (3 credits)
independent study (3 credits)	independent study (3 credits)
(15 credits)	(15 credits)

In order to qualify for a diploma, you must complete 17 studio courses (51 credits) and 3 elective non-studio courses (9 credits)

Suggested non-studio electives are:
English, Anthropology, Art History, Theatre

Graphic Design and Communication

The most important skill in graphic design is the ability to communicate ideas clearly, forcefully and meaningfully through a variety of media. The graphic and advertising designer is usually called a commercial artist, a book illustrator, or a cartoonist. All are artists who are able to think creatively about communication problems and find appropriate solutions for them. They are the links between supplier and consumer. They conceive ideas that will stimulate sales of products or services. They translate these ideas into the many media of commercial art.

Their uniqueness lies not only in traditional skills of hand, but also in their ability to think in design terms and to employ these terms in advertisements, brochures, illustrations, cartoons, package designs and posters.

The graphic designer may develop concepts, render illustrations,

prepare layouts, specify type, illustrate stories or prepare industrial displays. The ability to market ideas that are fresh, relevant and trend-setting is best demonstrated in a graduate's portfolio.

Program outline

First Year

Semester I	Semester II
F.A. 111 (3 credits)	F.A. 112 (3 credits)
F.A. 121 (3 credits)	F.A. 122 (3 credits)
F.A. 151 (3 credits)	F.A. 152 (3 credits)
F.A. 161 (3 credits)	F.A. 162 (3 credits)
elective (3 credits)	elective (3 credits)
(15 credits)	(15 credits)

Second Year

Semester I	Semester II
F.A. 211 (3 credits)	F.A. 212 (3 credits)
F.A. 263 (3 credits)	F.A. 252 (3 credits)
F.A. 251 (3 credits)	F.A. 262 (3 credits)
F.A. 261 (3 credits)	F.A. 264 (3 credits)
elective (3 credits)	studio-elective (3 credits)
(15 credits)	(15 credits)

In order to qualify for a diploma, you must complete 17 studio courses (51 credits) and 3 elective non-studio courses (3 credits)

Suggested non-studio electives are:
English Communication, Art History, Business

Fashion Design

Fashion is one of the main forces in today's economy from the design of clothes and fabrics to the art of advertisements. The sensitivity of the designer to public tastes expresses and guides the elements of our culture.

The talent of the designer is not only in the traditional skills of hand and eye, but also in the ability to think in practical design terms. It is the task of the fashion designer to conceive ideas that will stimulate the development and sale of the clients' products or services, and to help the client give those ideas form in ways that serve the public's needs and desires.

Vital to success in this field are imagination and contemporary thinking. The curriculum of this program is designed to help develop these qualities.

Transfer and Placement:

As fashions continue changing and the public prefers to be seen in "today's styles," there will be a need for the artist with the special talents of the textile and fashion designer. The ability demonstrated in your portfolio after graduation will be your greatest asset in locating a position.

Some courses required by the program are transferable to university. Consult the Transfer Guide available at the college.

Program Outline:

First Year

Semester I	Semester II
F.A. 111 (3 credits)	F.A. 112 (3 credits)
F.A. 161 (3 credits)	F.A. 162 (3 credits)
F.A. 171 (3 credits)	F.A. 172 (3 credits)
F.A. 181 (3 credits)	F.A. 182 (3 credits)
F.A. 191 (3 credits)	F.A. 192 (3 credits)
15 credits	15 credits

Second Year

Semester I	Semester II
F.A. 261 (3 credits)	F.A. 262 (3 credits)
F.A. 271 (3 credits)	F.A. 272 (3 credits)
F.A. 291 (3 credits)	F.A. 292 (3 credits)
F.A. 211 (3 credits)	F.A. 212 (3 credits)
elective (3 credits)	elective (3 credits)
15 credits	15 credits

Suggested non-studio electives are:
Art History, English, or Communication and Business Management, or Fine Arts 293, History of costume and costume design, Theatre.

Course Descriptions

Art History 101:
History of Western Art to 1600 *3 credits*

Prerequisites: none
Transferability: UBC, SFU, UVic

This is an introduction to Art History designed to enable students to acquire knowledge, understanding and appreciation of art and architecture from cave paintings to the renaissance, and the manner in which art reflects culture.

Art History 102:
History of Western Art, 1600 to the Present *3 credits*

Prerequisites: none
Transferability: UBC, SFU, UVic

This is a sequel to Art History 101, and continues to explore art and architecture from the renaissance to the modern era. It is helpful but not essential that students be familiar with the material in Art History 101.

Fine Arts 111:
Drawing I *3 credits*

Prerequisites: none
Transferability: UBC, SFU, UVic; determined by portfolio

An introduction to all drawing media. The course includes still-life, basic human anatomy, portrait, draped and undraped figure, perspective, and composition.

Fine Arts 112:
Life Drawing II *3 credits*

Prerequisites: Fine Arts 111, or permission of instructor
Transferability: UBC, SFU, UVic. determined by portfolio

An opportunity for further experience in all media, both dry and wet,

as well as color. The course includes object drawing, life drawing and a further study of human anatomy, skeleton and muscles. A continuing study is made of the draped and undraped figure and of gesture as related to emotion, character and theme. Special consideration is given to instinctive rendering and interpretation.

Fine Arts 121:
Painting I *3 credits*

Prerequisites: none
Transferability: UBC, SFU, UVic; determined by portfolio

An introduction to painting in all common media — pastels, watercolors, acrylic paints, oil paint — on various grounds such as board, paper and canvas. Color scale, tones, light, materials, and pictorial composition are the main elements of the course.

Fine Arts 122:
Painting II *3 credits*

Prerequisites: Fine Arts 121, or permission of instructor
Transferability: UBC, SFU, UVic; determined by portfolio

An opportunity to investigate aspects of classical and modern oil painting, watercolors and termpera painting as well as the imaginative use of new materials. An advanced study of light and tones, color, perspective, figure and landscapes in pictorial composition are included in the course.

Fine Arts 131:
Sculpture I *3 credits*

Prerequisites: none
Transferability: UBC, SFU, UVic; determined by portfolio

An introduction to plastic and structural sculpture, designed to develop three-dimensional perception and creative ideas in three-dimensional forms i.e. mass and volume. The course includes practical exercises in clay and other plastic materials. Emphasis is on modelling the human figure.

Fine Arts 132:
Sculpture II *3 credits*

Prerequisites: Fine Arts 131, or permission of instructor
Transferability: UBC, SFU, UVic; determined by portfolio

An opportunity for further modelling and for the investigation of classical and contemporary principles and techniques. A continuing study of human anatomy, movement and three-dimensional composition is made as related to materials like stone and wood. The course also includes carved forms. The emphasis is on design and interpretation.

Fine Arts 141:
Ceramics I *3 credits*

Prerequisites: none
Transferability: UBC, SFU, UVic; determined by portfolio

Basic handbuilding techniques, pinch, coil, slab and combinations. Introduction to clay, its origins and chemistry. Lectures on clay types and clay bodies. Drying and firing of clays. Use of engobes, underglaze colours, slips and oxides. Glaze theory and application. Introduction to throwing on the wheel. Firing techniques. Slides: contemporary and historical pottery.

Fine Arts 142:
Ceramics II *3 credits*

Prerequisites: Fine Arts 141, or permission of instructor
Transferability: UBC, SFU, UVIC; determined by portfolio

Further instruction in basic ceramic processes, handbuilding and wheelwork. Mixing of various clay bodies and glazes. Surface treatment and glazing techniques. Loading and firing of electric kilns both glaze and bisque. Raku: mixing of clay and glazes, 'raku' firing techniques and procedures. Slides: contemporary and historical pottery.

Fine Arts 151:
Graphics & Printmaking I *3 credits*

Prerequisites: none
Transferability: UBC, SFU, UVic; determined by portfolio

An introduction of printmaking techniques: stencil, relief, intaglio and planographic. The course includes study and use of equipment, materials and tools. Demonstration of printmaking methods during which history of graphic arts will be conducted. Basic training on the graphic image making monoprinting, dry point, engraving, wood and lino cut, embossing and collage (collagraph) will be conducted. It is, as well, an introduction to many-color printmaking and edition.

Fine Arts 152:
Graphic & Printmaking II *3 credits*

Prerequisites: Fine Arts 151, or permission of instructor
Transferability: UBC, SFU, UVic; determined by portfolio

An opportunity for further training in printmaking media with emphasis on graphic concept and design, chemistry and press operations. The major emphasis is on intaglio techniques, etching, aquatint, deep etch and combined process as well as many-color printing. Chemistry of the inks and papers, as well as the presentation are included.

Fine Arts 161:
Design I *3 credits*

Prerequisites: none
Transferability: UBC, SFU, UVic; determined by portfolio

An introduction to the historical principles of design with an emphasis on the Bauhaus curriculum and its application.

Fine Arts 162:
Design II *3 credits*

Prerequisites: Fine Arts 161, or permission of instructor
Transferability: UBC, SFU, UVic; determined by portfolio

An opportunity for further study with Bauhaus synthesis of applied design and interpretation. Advanced instruction is given in techniques using elements like balance, harmony, color, space and form. Focuses on visual application.

Fine Arts 171:
Weaving I *3 credits*

Prerequisites: none
Transferability: none

Introduction to fibres and yarn types. Yarn dyeing. Introduction to the four harness loom. Warping methods and basic threading techniques. Texture study. Pattern drafting. Study of warp densities. Exploration of lace weaves, inlays and other finger manipulated weaves. Overshot weaves. Double weaves. Linen warps and tapestry techniques. Basic off-loom techniques: felting, knotless netting, sprang, nail on board, card weaving, wrapping and basketry. Designing and weaving of individual projects in consultation with instructor.

Fine Arts 172:
Weaving II *3 credits*

Prerequisites: Fine Arts 171, or permission of instructor
Transferability: none

Advanced weaving techniques. Space dyed, dip dyed warps and

wefts. Study of batik, warp painting and printing. Advanced drafting. Designing of warp way patterns and pick-up techniques. Rug weaves including flat weaves and pile weaves. Tapestry techniques. Advanced drafting and design of interesting and useful fabrics. Use of the four harness floor loom. Design and execution of a major garment project.

Fine Arts 181:
Fashion Construction I *3 credits*

Prerequisites: none
Transferability: none

Emphasis on learning professional skills in basic construction techniques including seams, hems, button holes, zippers, etc. and the assembly of pocket, sleeves and collars. Comprehensive study of fabric and texture, various finishing methods in woven, knitted, felted and compressed materials and how these factors reflect on utility, style and production.

Fine Arts 182:
Fashion Construction II *3 credits*

Prerequisites: Fine Arts 181 or permission of the instructor
Transferability: none

Students learn more complex construction techniques and professional procedures used in fitting garments, installing linings and interfacing.

Fine Arts 191:
Pattern Drafting I *3 credits*

Prerequisites: none
Transferability: none

The proper use of drafting equipment, techniques of taking measurements for garments and basic principles of proportional calculation. The use of darts, gathers, and draping fabric will be explored. Emphasis is on work with muslin towards recognition and achievement of proper fit.

Fine Arts 192:
Pattern Drafting II *3 credits*

Prerequisites: Fine Arts 191 or permission of instructor
Transferability: none

An advanced course familiarizing students with techniques involved in drafting more complex patterns for dresses. Introduction to apparel design and the translation of original design into the finished garment. Preparing a collection for an annual fashion show on completion of the course. The fashion industry and opportunities for fashion designers in the fashion industry will be analysed.

Art History 201:
History of 19th Century Art *3 credits*

Prerequisites: Art History 102, or permission of instructor
Transferability: UBC, SFU, UVic (T.B.D.)

This course focuses on major movements in art and architecture from the Romanticism and Neoclassicism of the early 1800s to the later Impressionism and Expressionism of Monet and Van Gogh.

Art History 202:
History of 20th Century Art *3 credits*

Prerequisites: Art History 102, or permission of instructor
Transferability: UBC, SFU, UVic (T.B.D.)

This course focuses on the visual arts of the 20th century as they develop in Europe and North America. It concentrates on the numerous and complex movements and counter-movements that give modern art its particular character and texture.

Fine Arts 203:
Art Appreciation I *3 credits*

Prerequisites: none
Transferability: UBC (in negotiation)

An introductory course in the appreciation of western art. Exploration of concepts in art, with attention to the reasons for studying art, the nature of a work of art, and the formation of style, technique, patronage, econography, and method in the development of art.

Fine Arts 204:
Art Appreciation II — Introduction to Contemporary Art *3 credits*

Prerequisites: none
Transferability: UBC (in negotiation)

A continuation of Art Appreciation 203, but focusing on the rapidly-changing, twentieth-century art forms, including the development of various media.

Fine Arts 211:
Life Drawing III *3 credits*

Prerequisites: Fine Arts 112 or permission of instructor
Transferability: UBC, SFU

An advanced life drawing course of portrait and human figure. Various materials are used for sketching and studies are related to given assignments. Emphasis is placed on composition and student interpretation. A series of studies and 'free' works are incorporated in the main portfolio.

Fine Arts 212:
Illustrative Drawing *3 credits*

Prerequisites: Fine Arts 211 or permission of instructor
Transferability: UVic

An advanced course in drawing techniques, including the illustrative element in the composition. Emphasis will be placed on reflections and 'the artist as a visual reporter'. Movement and expression, concept and identity in a series of studies are the major elements enriching the main portfolio.

Fine Arts 221:
Life Painting III *3 credits*

Prerequisites: Fine Arts 122 or permission of instructor
Transferability: UBC, SFU

An advanced study of traditional and new materials used on still-life, landscape, portrait and figure. Major emphasis on pictorial composition, concept and interpretation with watercolors, acrylic and oil paints. Included is the introduction of decorative techniques used in mural painting.

Fine Arts 222:
Life Painting IV *3 credits*

Prerequisites: Fine Arts 221 or permission of instructor
Transferability: UBC, SFU, UVic

An advanced study of contemporary pictorial composition involving color sketches and studies to enhance dimension and interpretation. Emphasis is placed on coloristic value, concept and painting techniques, used to express one's own aesthetic and personal temperamental uniqueness.

Fine Arts 231:
Sculpture III *3 credits*
Prerequisites: Fine Arts 132, or permission of instructor
Transferability: UBC, SFU, UVic
Sculptural composition and its relationship to architecture and environment. Molding techniques, sculptural casting in concrete and metals are included. Emphasis on modelling human figures.

Fine Arts 232:
Sculpture IV *3 credits*
Prerequisites: Fine Arts 231, or permission of instructor
Transferability: UBC, SFU, UVic
An exploration of advanced sculptural problems. The stress will be on the concept, interaction and interchangeability of mass and space, on personal expression, and on imaginative composition; adaptation to the particular material, and the method of using it. Modelling of human figure included.

Fine Arts 241:
Sculptural Ceramics III *3 credits*
Prerequisites: Fine Arts 142 or permission of instructor
Transferability: UBC, SFU
Continued instruction in ceramic processes, wheelwork and hand-building, and combinations of both. More advanced glaze theory and glaze mixing. Students will be expected to mix clays and glazes, and to load and fire all kilns. Students will be encouraged to develop a personal style in their work and will work on individual projects.

Fine Arts 242:
Ceramics IV *3 credits*
Prerequisites: Fine Arts 241, or permission of instructor
Transferability: UVic
An advanced course in ceramic processes. Wheelwork, hand-building, and combinations of both. Continued experimentation with various glazes and surface treatments. Advanced experimentation with the mixing of various clay bodies and further study of firing techniques. Students will be working on individual projects.

Fine Arts 251:
Graphics and Printmaking Techniques III *3 credits*
Prerequisites: Fine Arts 152, 112 or 121, or permission of instructor
Transferability: UBC, SFU
A continuing advanced study of the planographic method, history, chemistry, procedures and artistic application. The major emphasis is on stone lithography, old and new techniques, chemistry of color printing, transfers and edition.

Fine Arts 252:
Lithography and Production *3 credits*
Prerequisites: Fine Arts 251 or permission of instructor
Transferability: UBC, UVic
An advanced study on metal (aluminum) lithography as a most contemporary graphic art procedure for artistic expression and production. Major emphasis is on hand and photo transferring methods, chemistry of the negative-positive plates, wipe-on methods, many-color registration and edition. The aim is to develop knowledge of the most modern processes and a sensitive aesthetic awareness.

Fine Arts 261:
Illustration *3 credits*
Prerequisites: Fine Arts 211 or permission of instructor
Transferability: none
An introduction to illustration and its various applications in a commercial context. Stress will be on developing a way of designing elements required for the making of solid illustration. Color, spatial organization, type, slogan, etc. will be included.

Fine Arts 262:
Fashion — Illustration and Retail Advertising *3 credits*
Prerequisites: Fine Arts 211 or permission of instructor
Transferability: none
An introduction to the styles and techniques of the fashion industry. Emphasis will be on drawing the fashion figure, body movements and proportions, action poses, fashion accessories, etc. Students will have the opportunity to find their own 'fashion illustration style' and develop it to a professional level.

Fine Arts 263:
Layout, Lettering and Typography *3 credits*
Prerequisites: none
Transferability: none
An introduction to techniques of lettering and typographic composition. Emphasis on familiarizing letter styles and type families selection and type in layouts. Materials and methods of the production artist in relation to advertising agencies and printing businesses will be explored. Hand lettering and calligraphy as part of modern advertising will be introduced.

Fine Arts 264:
Delineation & Presentation Techniques *3 credits*
Prerequisites: Fine Arts 112 or permission of instructor
Transferability: none
This course involves comprehensive study in the field of reproduction techniques and their psychological impact. Students will learn freehand perspective. Architecture, appliances, people, plants, etc. will be rendered in a realistic style, with a special focus on textures. Pen, washes, watercolor and pencil techniques will be employed.

Fine Arts 265:
Practical Graphics in Business *3 credits*
Prerequisites: none
Transferability: none
Introducing various methods of rendering a business layout (forms, charts, newsletters, etc.) up to a camera-ready standard. The course will give basic notions of printing processes, inks, paper stocks, paper folds, typography, letraset — thus enabling the student to prepare interesting basic business layouts.
Certificate of achievement awarded.

Fine Arts 271:
Textile Printing I *3 credits*
Prerequisites: none
Transferability: none
This course deals with the surface treatment of fabric through various techniques: tie dye, dip dye, tritik and painting with dyes. Use of natural dyes and their preparation. Study of commercial dyes. Batik techniques. Painting with thickened dyes on fabrics. Introduction to the use of the air brush. Design and execution of a garment, and several fabric lengths.

Fine Arts 272:
Textile Printing II *3 credits*
Prerequisites: none
Transferability: none
This is a textile printing course emphasizing silkscreen printing on fabric. Students will learn to build a silkscreen frame and stretch silk. Experimentation with a wide range of dyes and pigments and various methods of preparation. Study of basic silkscreen techniques: paper stencil, profilm, tusche and glue, wax, and lacquer. Students will also learn about photosilkscreening, including developing of photographic film and transfer of photograph to the screen and finally to the fabric or paper.

Fine Arts 281:
Three-Dimensional Design 1 *3 credits*
Prerequisites: none
Transferability: SFU, UVic
An introduction to the basic three-dimensional design concept, with emphasis on the Bauhaus curriculum and its application.

Fine Arts 282:
Three-Dimensional Design II *3 credits*
Prerequisites: none
Transferability: SFU, UVic
An advanced study of design principles in modern sculpture. Focuses on involvement in exploratory work and expression through designing and execution of several major three-dimensional structures.

Fine Arts 291:
Fashion Design I *3 credits*
Prerequisites: Fine Arts 192 and 182, or permission of instructor
Transferability: none
Students will learn the elements of creative design and produce a pattern and a finished garment as a final project. Emphasis on assimilation of fundamentals such as line, silhouette, proportion and rhythm in relation to fabric characteristics.

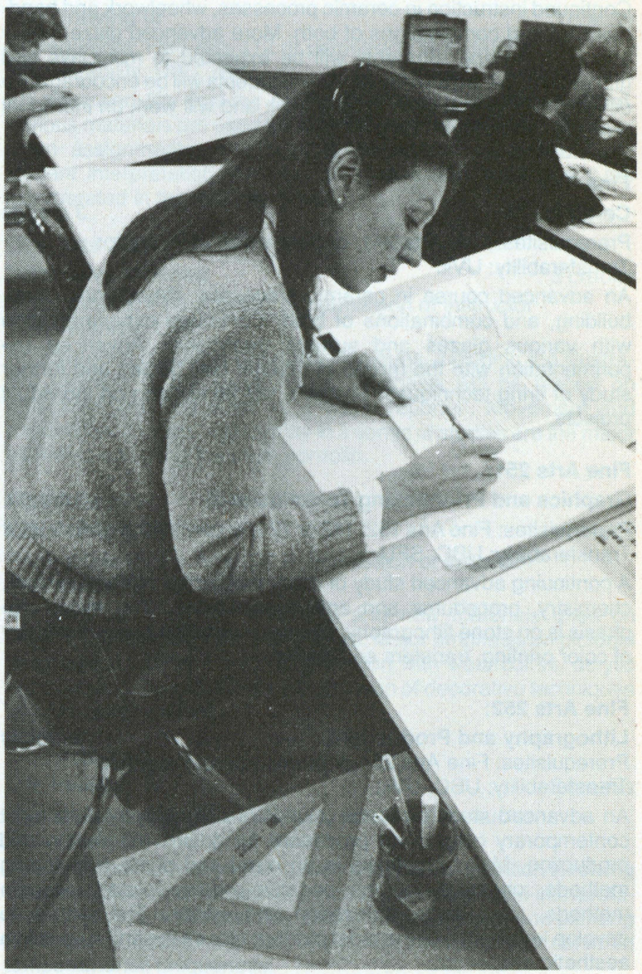
Fine Arts 292:
Fashion Design II *3 credits*
Prerequisites: Fine Arts 291, or permission of instructor
Transferability: none
An opportunity to exercise originality and talent. Emphasis will be placed on quality apparel. The best of your design sketches will be selected for conversion into three-dimensional form, then made into flat patterns, and finally executed in fabric for showing on professional models during the annual fashion show.

Fine Arts 293:
History of Costume and Costume Design *3 credits*
Prerequisites: none
Transferability: UBC
An introduction to the practical problems of designing costumes. This course will cover the work of the designer in studying the history of the design concept, selecting fabric, meeting performers' needs and other elements. One text will be used and costumes will be designed for at least three media: a stage play, an opera, a musical or a ballet. Historical costume, dress of the near and far east and European fashion will be included.

Fine Arts 298:
Independent Study — Ceramics *3 credits*
Prerequisites: permission of instructor
Transferability: none
You may undertake, in consultation with the program instructor, an individual course of study in this area.

Fine Arts 299:
Independent Study — Sculpture *3 credits*
Prerequisites: permission of instructor
Transferability: none
You may undertake, in consultation with the program instructor, an individual course of study in this area.

Faculty
Janina Jakobow, B.A. (Peking), F.A.M. Training (Paris)
Mircho Jakobow, B.A. (Sofia), M.F.A. (Peking)
Rory Wallace, B.A. (Hons.) (SFU), M. Litt. (Edinburgh), Diploma Art History (UBC)
Lynda Gammon, B.A. (SFU)



GENERAL MECHANICS

The General Mechanics program has been developed to cover the broad field of motive power as it relates to the transportation and farm equipment industries. If you are interested in training in this field, you should have a strong interest in mechanics, good physical condition and a desire to succeed. Graduates from this program will normally be eligible for credit on an apprenticeship program leading to qualification as a journeyman tradesperson.

Employment Opportunities

Mechanics have a wide range of employment opportunities in mechanical repair industries and related supply businesses. For instance, you might consider employment as a specialty mechanic or in a variety of sales positions. With suitable work experience and training, you could consider opportunities which are readily available to the journeyman mechanic e.g. service writer, service manager, or your own business.

Entrance requirements

To be admitted, you must (a) be 18 or older with grade 10 or equivalent (for example, BTSD 3) and have either a shop mechanics course or a year of work experience; or (b) have Grade 12 or equivalent (for example, BTSD 4 or GED).

How to Apply

Contact your nearest Fraser Valley College office for further information. You may be eligible for Manpower assistance. Contact your local Canada Employment Centre for more information.

Dates and Location

Contact the nearest Fraser Valley College office for start dates of two-week 'entry' modules. The program is located at the Abbotsford Campus.

Fees and Other Expenses

Current student fees are $8.50 per week. Additional costs: textbooks (approximately $40) plus tools and equipment. Contact the Tool Room, Abbotsford Campus, for a list of tools required and approximate prices.

Program Outline

Format is flexible, based on a series of two-week instructional modules, allowing you to begin and end studies at various times, as well as to select one of several certificate options.

Each module is a 'short course' unit teaching the theory and skills of a special area. At the completion of the unit, you must demonstrate that you can perform the unit's objectives. This achievement is documented, and you then proceed to another unit.

Unit topics include: Engines (dead); Electrical 1, Fuel Systems and Emission Control; Steering, Suspension and Wheel Balance; Brakes (dead); Clutch, Standard Transmission and Rear Axle Assemblies; Engines (live); Electrical 2, Brakes (live); Steering Systems (live), Electrical 3, Automatic Transmissions; Diagnostic Tune-up; Diesel Engines, Fuel Injection, Hydraulic Systems, General Repairs.

Course outlines and scheduled dates of individual units are available from any college office.

Mechanics Upgrading

Those who have extensive qualifying time in the trade may wish to write the Tradesman's Qualification Examination after completing a Journeyman Upgrading course offered by the College in the evening. For further information on dates, times, cost, etc., contact your nearest Fraser Valley College office.

Faculty

Len Greer, B.C. Cert. Qual. (A.M.R.)





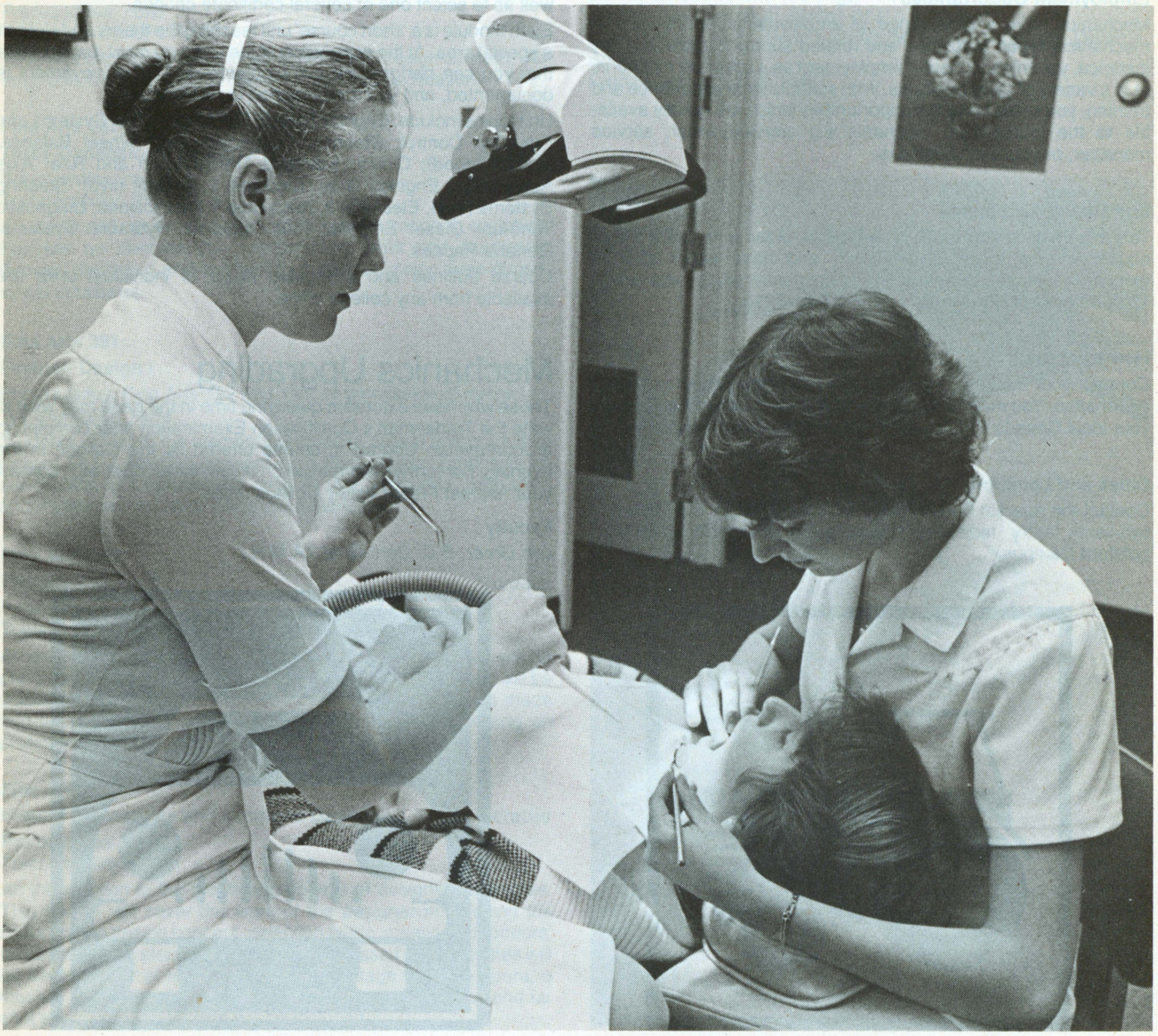
HEALTH SERVICES

The College offers five Health Services programs to prepare you to work with people in health care settings:

Dental Auxiliary — Level I
Level II
Health Care Management
Homemaker Training
Long Term Care Aide
Registered Nurses Refresher

In all programs the course work has been designed to meet licensing and certification standards so you will be employable on graduation.

The College also offers a variety of post-basic, health-related courses and workshops designed to support health care workers' professional development. Information regarding these courses can be obtained from the Director of Career and Health Programs.



Dental Auxiliary

The College offers a two-level training program for dental auxiliaries. The training is divided into two periods with six months of work experience between each.

A dental auxiliary performs a variety of duties. At Level I these duties include those of a receptionist — booking appointments, keeping financial records; as well as a chairside assistant — assisting the dentist with dental procedures, applying and removing rubber dams and taking and exposing dental x-rays. Level I classes run from September through February of the academic year followed by a three month field practice. On completion of this phase of training, students receive a Dental Auxiliary Level I Certificate from the college.

Level II auxiliaries are capable of performing all the duties of Level I auxiliaries as well as several added duties which can only be performed if they hold a licence to do so. These include polishing teeth, applying cavity preventive agents and taking impressions for study casts, to mention only a few. Level II training is open to returning students who have completed Level I, and runs from March through June of the academic year. On completion of this phase of training students receive a Dental Auxiliary Level II Certificate from the college.

Completion of Level I and Level II makes you eligible to apply to the College of Dental Surgeons for licencing as a dental auxiliary.

Transfer and/or placement

A certified dental assistant is an important member of the team in a dental office; employment opportunities and working conditions are good. This program also provides a good basic training for those who are seeking advancement in the dental profession.

Entrance requirements — Level I

1. Grade 12 graduation on Arts and Science Program. Students must have Biology 11, Biology 12 and Chemistry 11, with a C+ average or better for the three.

   Students lacking formal Grade 12 graduation may present a Grade 12 equivalency certificate, along with the equivalent of the necessary science courses. This must be approved as being satisfactory prior to an application being submitted. Contact the Program Coordinator.
2. Typing to 30 words per minute, as measured by a test taken after you have applied to the program.
3. Two letters of reference from non-relatives.
4. The G.A.T.B., and aptitude test, may be administered, and scores must be equivalent to the Dental Assisting Threshold levels used by Canada Employment and Immigration. You will be notified if this test is required after you apply.
5. An interview with the Dental Assisting faculty, evaluated on the following points, which you should be prepared to discuss:
   a. Volunteer work (in any field, for a minimum of 40 hours) 4 points
   b. Paid employment (in any job, for a minimum of 300 hours) 6 points
   c. Hobby or sports activity (sustained over at least 3 years) 2 points
   d. Interest in dentistry (as evidenced by your ability to discuss the nature of the work and the different levels of employment in the field) 3 points
   e. Ability to make independent, mature, responsible decisions (as evidenced by one or more of the following: managing own finances; living away from parents' home for at least 6 months; planning menus, purchasing food and preparing meals for a family; parenting; travelling; or other factors as determined by the interviewer) 5 points

   20 points

   Students must score at least 10 points.
6. Four to eight consecutive hours spent in a dental office observing office routine and dental procedures (form forwarded to applicant on acceptance).
7. Medical and oral health certificate (form forwarded to applicant on acceptance).

Entrance Requirements — Level II

Must meet all requirements of Level I and have completed Level I or equivalent.

Program Outline

Level I

Anatomy and Physiology
Identification of anatomical structures of the head, and oral cavity as well as their role in speech, chewing, and appearance.

Preventive Dentistry
Counselling patient in all aspects of oral hygiene.

Histology/Embryology
Related to development of face and teeth.

Microbiology and Sterilization
Relating to bacteria in the dental office environment and in the oral cavity. Includes prevention of cross infection for patient protection and sterilization of dental equipment and instruments.

Nutrition
Relating to diet counselling for the prevention of tooth decay.

Operative Dentistry
Relating to elimination of caries and all techniques required to chairside assist the dentist in restoring teeth.

Equipment and Instruments
Identification and operation of dental office equipment and manipulation of dental instruments. Preparation of both for specific dental procedures.

Level II

Communications
Using effective ways of communicating with patients and motivating them to maintain good oral hygiene.

Nutrition
Evaluating dietary habits and providing nutritional counselling as it relates to dental health.

Level II duties
Includes polishing clinical crowns of teeth, application of fluoride, the taking of impressions for study casts, application of enamel sealants, removal of sutures and placement and removal of matrices and wedges, performing screening tests such as diabetic screen test, cytological smears, bacterial cultures, and caries susceptibility tests. Theory as well as extensive practice is included in this section.

Pathology
Pertaining to normal and abnormal tissue conditions of the oral cavity.

Faculty

Helene Williams – C.D.A. (B.C.)
Marie Goldfinch – R.D.H. (Washington)

Health Care Management

Note: Continued funding for this program is awaiting approval at press time.

Fraser Valley College offers a program leading to a certificate in Health Care Management* for health care professionals who are in or are planning to assume supervisory or management level positions. The program is particularly relevant for head nurses, social work supervisors, hospital department heads, homemaker supervisors and long-term care facility managers.

Transfer

All courses in this program, except Effective Relations 300 and 350, are transferable to the British Columbia Institute of Technology.

Entrance requirements

Employment in a health care agency.

The ability to read and write at a post-secondary level.

If you plan to take accounting or business statistics, you are advised to have the equivalent of grade 11 mathematics.

College counsellors can help you decide if you are ready for this program.

*Offered by the British Columbia Institute of Technology.

Program outline

You must complete the following four courses:

Health Care 301:
Health Care Management Supervisory Skills I

An overview of the principles of effective management techniques in health care settings such as: goal setting and planning, budgeting and decision making, organizational procedures, policy and procedures, and personnel administration.

Health Care 302:
Health Care Management Supervisory Skills II

A continuation of Health Care 301 with emphasis on effective leadership and supervision. Areas covered will be motivation, leader staff relations, problem solving and performance evaluation.

Health Care 401:
Fundamentals of Health Care Systems I

A review of current issues in health care including governmental directions and policies and recent developments for hospitals, long-term care facilities and other community health agencies.

Health Care 402:
Fundamentals of Health Care Management II

A continuation of Health Care 401 with emphasis on labor relations and innovation and change strategies.

12 credits chosen from the following:

Communications 300: Communications for Human Services 3 credits.

Communications 350: Communications II, advanced 3 credits.

Effective Relations 300: Introduction to Interpersonal Communications and Helping Skills 3 credits.

Business 303: Human Relations in Business 3 credits.

Business 321: Accounting I 3 credits.

Business 331: Basic Business Mathematics 3 credits.

Business 332: Business Statistics 3 credits.

Business 337: Introduction to Data Processing 3 credits

Business 401: Personnel Administration 3 credits

Business 402: Industrial Relations 3 credits

(These courses are fully described in the Social Service and Business Administration sections of the calendar)

Dates and Locations

Most courses are available in the day and/or evening in either Chilliwack or Abbotsford.

At this time, Health Care 301, 302 and Health Care 401, 403 are available in the evening only in Abbotsford.

Full details regarding the time and location of courses for each semester are available from Student Services.

Fees

Each course costs $8.50 per credit with a maximum of $170 per semester

How to apply

Obtain a Health Care Management program information kit from Student Services at any Fraser Valley College location.

Homemaker Training

A trained homemaker helps people in their own homes regain maximum independence. Homemaker clients are usually elderly, handicapped, physically or emotionally ill persons, or families experiencing stressful situations.

Trained homemakers are employed by homemaker agencies. They assist in carrying out usual family routines of meal preparation, household cleaning and shopping, as well as providing personal care to individuals.

Employment opportunities

Homemaker agencies employ workers on a full or part time basis.

Pay increases with experience, training and experience. Homemakers' pay is comparable to that for junior office jobs.

Entrance requirements

Students should be able to read and write at the grade 10 level. However, if English is a second language and students are

concerned about their skill in English, exceptions can be made.

Students are required to submit a medical certificate indicating physical fitness and ability to undertake demanding physical work. They must also provide a copy of their driver's licence.

It is important that homemakers demonstrate a caring attitude for the ill, handicapped and elderly.

Program outline

Skills taught in this course fulfill the provincial course requirements as set out by the Long Term Care program in conjunction with the Ministry of Education. There are six main components.

Communications
Skills of becoming self aware, of observing others, and of effective listening and responding in varying situations are practiced. Students also learn to report facts accurately to others in the health care field either by phone or memo.

Ethical and Responsible Behavior
The role the homemaker plays within the community is explored as well as the exact definition of responsibilities assumed by working homemakers.

Family and Human Development
You will learn about normal human and family developmental behavior so that changes from the usual can be identified and reported.

Nutrition and Meal Management
Knowledge of basic nutrition leads to the ability to plan, prepare and serve meals to families. These skills along with those of managing time and money for providing family food make up the content of the course.

Protection in the Home
Thoughtful care and maintenance of a household contributes to secure feelings of clients. This assumption is basic to the study of caring for someone else's possessions and of controlling safety hazards in the home.

Personal Care
Basic home nursing skills enable homemakers to assist clients to be as independent as possible, be they elderly, convalescent, handicapped or newborn. The course, therefore, includes knowledge of body function as well as skills in serving those with impaired function.

Dates and location

This 12-week course will be offered in Abbotsford starting September 1981 and in Chilliwack starting January 1982.

Fees

The course fee is appoximately $75.00 which may be paid in two installments.

How to apply

Student Services at any Fraser Valley College office has information on enrollment requirements. If you think you may be eligible for Manpower assistance, contact your Canada Employment Centre for information.

Faculty

Sue Simonsen M.Ed., co-ordinator

Upgrading courses

The Communication component of the course will be offered in the evenings (one night a week) starting mid-January 1981. Details on the exact times, location and cost of this course are available from Student Services.

Offerings of other components of the course are being considered for the fall of 1981 and students interested in taking these should inquire at Student Services late in the summer.

Long-Term Care Aide

This 12-week course will prepare you for employment in long-term care facilities at all levels, including extended, intermediate and personal care. The work involves the care of residents with varying degrees of physical and/or mental and emotional handicaps. Most of these individuals are in the older age group.

This course includes classroom and nursing-lab instruction, as well as supervised field work in appropriate clinical areas. The curriculum is designed to help you assist residents in meeting their physical, mental and emotional needs.

Entrance requirements

You should be able to read and write at the grade 10 level. Those with English as a second language can have their ability assessed at the College.

A sincere interest in the elderly is important for success as a long term care aide. Applicants should be mature with a caring attitude.

Students require a medical certificate and a recent TB test or chest x-ray. Considerable physical effort and activity are required.

Program Outline

Human Relations
Communication skills and the basics of a caring relationship are taught, with emphasis on the requirements of long-term care settings.

Growth and Development
Basic human needs, body structure and function, growth and development throughout life are included. The object is to aid students in understanding and dealing with residents' problems.

Job-Related Skills and Responsibilities
This unit assists students in developing problem-solving skills and a responsible and ethical approach to work.

Care
Provides students with the necessary knowledge and practice to develop skills in personal care, activity, maintenance of nutrition and a healthful environment, with emphasis on attitudes and safety.

Instruction is under the direction of registered nurses, with additional input from a variety of guest speakers. Classroom discussion is encouraged.

Evaluation of theory and practice is ongoing during the course.

Dates and location

This is a twelve week course beginning in September 1981 at the Portage Avenue Campus in Chilliwack and in January 1982 at the Abbotsford Campus. Approximately half the course takes place in long-term care institutions in Abbotsford, Chilliwack and Mission. Students must provide their own transportation to both the College and clinical settings.

Fees and other expenses

The program fees are approximately $25 per month.

During the course, appropriate uniforms and shoes must be worn.

Graduating students are eligible to purchase a pin from the college bookstore for approximately $20.

How to apply

Program information kits are available from Student Services after March 1, 1981.

Faculty

Pat Freund, R.N.
Donna Mort, R.N.
Teri Regts, R.N.

Registered Nurses Refresher

Rapid changes are occurring in professional health care, and nursing education must keep pace. R.N. Refresher courses have emerged in response to a need for continuing nursing education. Their purpose is to update the knowledge and skills of nurses who wish to resume the practice of nursing after absences of up to 30 years.

This course is intended for nurses who are graduates of approved schools of nursing and are eligible for nurse registration in B.C. but have been away from active nursing practice for five years or more.

The course is also offered in response to the need of local hospitals for nursing staff on a continuous full-, part-time or casual basis.

The course has been approved by the RNABC Committee On Approval Of Schools of Nursing.

Entrance requirements

Registration in this course is open to:

Graduates of approved schools of nursing.

Those who are registered or are eligible for RN registration in B.C. Please check your status with Mrs. Helen Grice at the RNABC before registering (phone 112-736-7331). Fraser Valley College will confirm each student's status with the RNABC before the course begins.

Those who have been out of active nursing practice for five years or more and meet the above requirements.

A completed medical certificate and a recent TB skin test or chest x-ray (within the past six months) are required before the course begins.

Program outline

The objective of this course is that: "the nurse, on completion of the course, and after orientation to an employing agency, will be able to provide care to adults in general medical-surgical units; will have the potential, with additional education, experience and supervision, to work in specialized areas; and will work as a member of a nursing team."

The content will be covered at the basic level for most students. It has been organized into 26 individual study packages to allow students to study at home as much as possible. Labs and tutorials will be held at the College to supplement the study packages and reinforce learning. The content has been divided into three major areas:

Part I: Nursing Up-dated

Issues in Nursing Today
Communications
Nursing Process
Stress; Coping and Adaptation
Death & Dying
Caring for the Elderly
Physical Assessment

For most students the above content is new and will be presented at a basic level. Since it is the basis of current nursing practice, it will be integrated and used throughout the course.

Part II: The Patient Experiencing Surgery

Management of Pain
Rest and Sleep
The Surgical Patient
Surgical Complications
Medication Labs
Asepsis/Basic Skills Labs

The above unit deals with the pre-and post-operative preparation of surgical patients and with the skills associated in caring for the surgical patient.

Part III: Caring for the Patient with a Long Term Health Problem

Cardiovascular Problems
Respiratory Problems
C.P.R. (Cardiopulmonary Resuscitation)
The Unconscious Patient
Chronic Disabling Conditions
The Immune Process
Neoplastic Problems
Nutritional Problems
Elimination Problems
Sexuality Problems

The above unit reviews health problems by using a representative

major disease entity and reviewing pathophysiology, advances in diagnostic studies and therapeutic interventions. Emphasis will also be placed on preventive health care measures.

Pharmacology (drugs and nursing implications) is presented throughout the course as it pertains to each section.

Because of the short period of time available in this course, the presentation of content is aimed at providing students with the knowledge that will enable them to give safe nursing care. It is hoped that students will continue to learn more about individual topics in other educational courses/readings, etc.

Clinical Practice

The clinical experience will take place on a general medical or surgical ward in one of the four local hospitals: M.S.A., Abbotsford; Mission Memorial; Chilliwack General or Canyon Hospital in Hope.

The clinical experience will involve the use of preceptors. In this instance, preceptors are registered nurses currently performing regular duties in medical-surgical areas of hospitals who agree to work in close association with students. The preceptors direct and supervise the students' learning experiences. The instructor will act as a consultant to both students and preceptors through weekly visits to clinical areas. Student and preceptor work the same hours, on all three shifts and have the same days off.

The role of the instructor in this course is to act as a facilitator of learning. She assists students in meeting the course and clinical objectives. Even though she is not constantly present during clinical practice, she ensures that the students' educational needs are met and advises preceptors on appropriate learning experiences for students.

It is believed that the students in this course are mature adults, responsible for their own learning and have specific and individual learning needs. Because of this individuality the course attempts to allow students to pace their own learning to some extent. This pacing can be accomplished through challenging theory units and laboratory skills, or by remedial work.

Dates and locations

There will be two 15-week courses during the academic year in the fall and spring. For session start dates, contact Student Services.

Course labs, tutorials, and media presentations will be held in Chilliwack at the Portage Avenue Campus for the first six weeks of the course. Most of the clinical practice will take place in the last six weeks of the course in the local hospitals.

Fees and other expenses

The fees for the course are $250. Other expenses include uniforms for clinical practice, a stethoscope, bandage scissors and a textbook. Financial aid is available through the financial aid officer at the College or through the RNABC.

How to apply

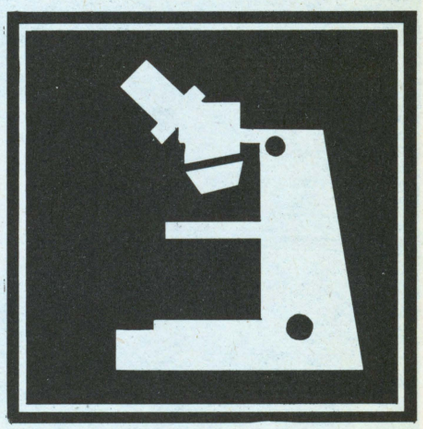
Obtain a program information kit, with instructions and application form, at any Fraser Valley College centre.

Faculty

Joan Brown – R.N. (VGH); B.S.N. (UBC)
Lynne Wells – R.N. (Nightingale School of Nursing); B.A., B.S.N. (U of Windsor)







HUMAN SERVICES

The College offers three Human Services programs that will prepare you to work at the paraprofessional level in occupations that provide help and care to a wide range of people of different ages and with different needs:

Criminal Justice Program — two-year diploma

Early Childhood Education Program — two-level certificate
two-year diploma

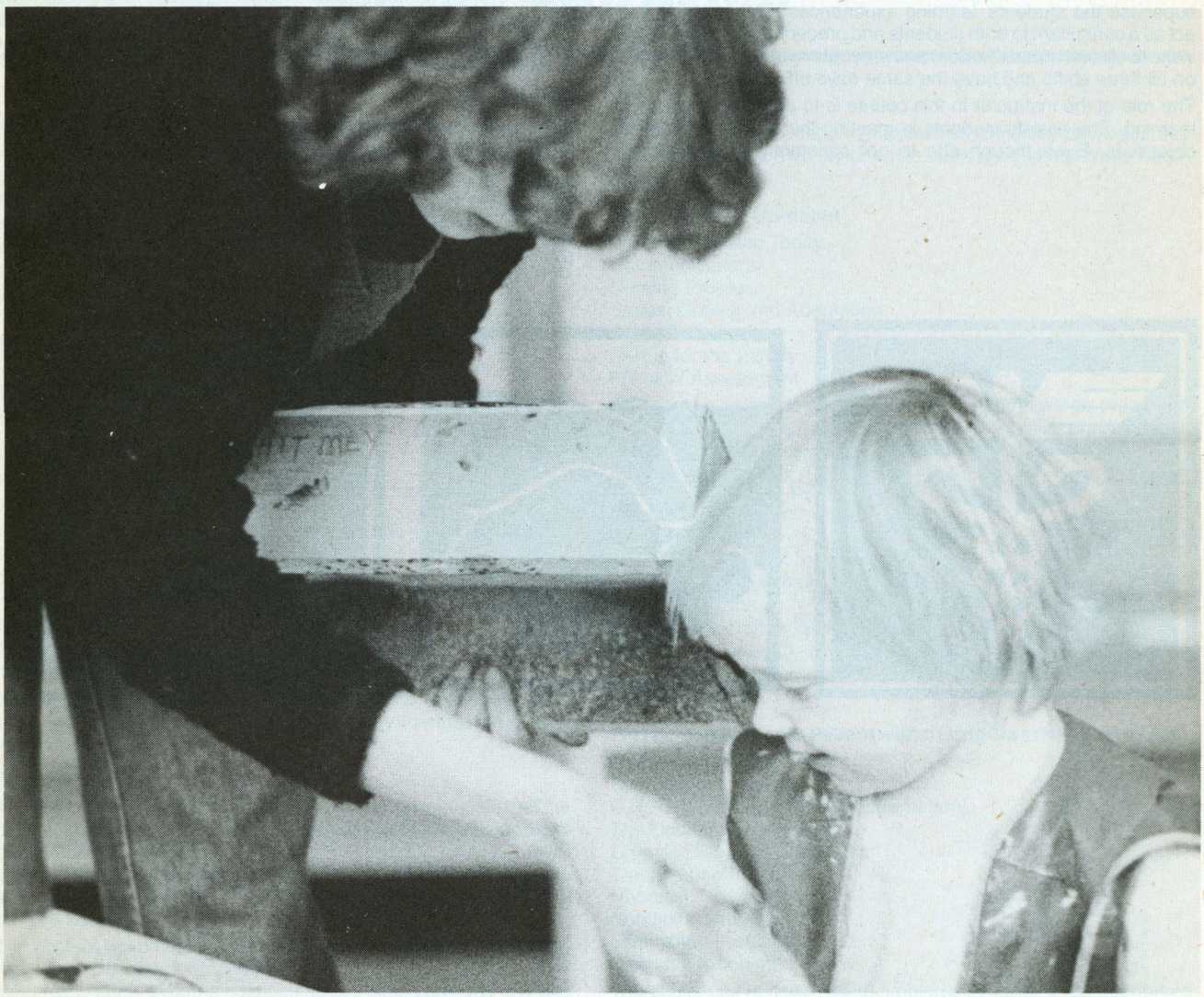
Social Services Program — two-year diploma

"Paraprofessional" means someone who works directly with people, assisting them to meet their needs. Usually a professional person with a university degree supervises the paraprofessional.

All three programs include core courses in effective interpersonal relations, written communications, and helping skills training.

In addition to the Effective Relations courses, each of the three programs has a special set of courses designed to prepare you to work competently in the field of your choice. Many of these courses are transferable to university. They are identified by an asterisk (*).

The Human Services programs also offer professional development courses for professionals and paraprofessionals already working in the field. Information regarding these courses can be obtained from the co-ordinators of the Criminal Justice, Social Services or Children's Services programs.



Criminal justice

This diploma program is designed to prepare you to enter the criminal justice system at the paraprofessional level. The program provides opportunities for people currently working in the criminal justice system to upgrade their education and to learn new skills. The program consists of a combination of theoretical and skill-development courses.

Part-time students who want to upgrade their present skills or to further their personal growth are welcome.

Transfer and placement

Many courses from the Criminal Justice Diploma program are transferable to university. Transferable courses are indicated in the course descriptions that follow.

Graduates qualify for many worthwhile jobs. Examples are living unit officer, community corrections counsellor or occupational therapy aide. You will be assisted with career placement through careful selection to field work positions that have employment potential.

Students must fulfill practicum requirements within the criminal justice system.

Entrance requirements

Prospective full-time students must have completed Grade 12 or equivalent. A valid BC driver's licence and two letters of reference, one from the family physician, are required. An interview with Criminal Justice faculty members, during which educational background and life experience are considered, is required prior to acceptance into the program. Admission of qualified applicants is on the basis of the date a complete application is received by the College.

How to apply

Student Services offices of Fraser Valley College have information kits outlining admission procedures. Applications should be submitted prior to May 31 for enrolment in September. Late applications will be accepted if any classes in the program are not filled by the closing date.

Dates and location

Full-time students are advised to register for the fall semester. Since many courses in the Criminal Justice program are sequential, students registering in January may be unable to take preliminary courses until the following September.

The normal college year is from September through April. Twenty hours per week of classes are required in each semester in the first year, and 14 hours in each semester during the second year with two full days of field work practice per week.

The diploma program usually requires two full years of college attendance. Occasionally courses are challenged for credit, making it possible to complete the program more quickly. Mastery of course objectives must be demonstrated in order to successfully challenge a course.

Part-time students may enroll in any available criminal justice course at any time convenient to them.

The diploma program is offered at both the east and west campuses.

Fees and other expenses

Courses cost $8.50 per credit to a maximum of $170 per semester.

About $225 per year should be budgeted for textbooks and expenses connected with field work.

Program outline

First Year

Semester I

	Credits
Criminology 100	3
Criminology 103	4
Criminology 109	3
Sociology 101	3
Psychology 101	3
	16

Semester II

Criminology 104	3
Criminology 105	3
Effective Relations 300	3
Communications 300	3
Elective	3
	15

Second Year

Semester III

Criminology 112	3
Criminal Justice 330	6
Effective Relations 350	3
Communications 350	3
	15

Semester IV

Criminal Justice 430	6
Effective Relations 400	3
Communications 400	2
Elective	3
	14

Electives

Two of the following courses are to be electives. Most of these courses are transferable and are described in the university transfer section of this catalogue.

Anthropology 101	Human Services 310
Anthropology 102	Philosophy 100
Criminology 101	Political Science 100
Criminology 130	Psychology 102
Criminology 151	Psychology 210
Criminology 210	Sociology 102
English 100	Geography 112

Other courses may be acceptable as electives if approved by faculty.

Course descriptions

Communications 300:
Communications for Human Services *3 credits*

Prerequisites: Passing mark on English Placement Test

Introduction to basic techniques and forms of written and oral

communication. Included are the communication process, basic organization and structure, outlining, paragraphing, logic, principles of business writing, business letters, memos, and oral presentations.

Communications 350:
Communications II (Advanced) *3 credits*

Prerequisites: Communications 300

Continued application of principles and skills learned in Communications 300. Included are letters of application and resumes, interviewing skills, telephone skills, dictating, memo reports, letter reports, formal reports, graphic aids, and oral presentations.

Communications 400:
Advanced Report Writing and Directed Study for Criminology Students *3 credits*

Prerequisites: Communications 300 and 350

You will be required to develop a program in one of the following areas: Police, Courts, Corrections, Aftercare. During the term you will submit a proposal and a working plan for the report, two short progress reports, and one formal report on the program you develop. You will be required to present and defend your report orally and may be asked to submit a copy of your report to an outside reader.

Criminal Justice 330:
Field Work Practicum *6 credits*

Prerequisites: Criminology 100, 103, 104, 105 and 109, Effective Relations 300, Communications 300, or permission of instructor.

Supervised experience in work situations in which you may later be employed. You will have an opportunity to practise skills gained in prerequisite courses and will receive feedback about your competencies. A field work practicum may be innovative and respond to community need. There will be a weekly seminar either on an individual or group basis, with your field work supervisor and/or instructor.

Criminal Justice 430:
Field Work Practicum *6 credits*

Prerequisites: Criminal Justice 330, or permission of instructor

Supervised work experience in an agency of your preference. The goals and objectives of this course are similar to the Field Work Practicum in the first semester; however, higher levels of skill performance will be required and you will be expected to intervene in positive and effective ways.

Criminology 100:
Introduction to Criminology *3 credits*

Prerequisites: none

Examines criminology as a science and a profession. The structure, content, theory and practical applications of the discipline are investigated as well as some of its terminology (e.g. *crime, delinquency, deviance, criminal, victim, rehabilitation and treatment).* The historical evolution of criminological thought is also addressed.

Criminology 103:
Introduction to the Criminal Justice System — A Total Systems Approach *4 credits*

Prerequisites: none

An analysis of the operational practices of the criminal justice system. The course follows the offender from the moment of initial police involvement to the correctional disposition of convicted offenders. The use of discretion and the patterns of decisions and practices within the criminal justice system; the relationships between the components of the criminal justice system; and the relationship between this system, the community and other external agencies are also examined.

Criminology 104:
Sociological Explanations of Criminal and Deviant Behavior *3 credits*

Prerequisites: none
Transferability: SFU

Examines the sociological, socio-cultural and socio-psychological explanations of criminal and deviant behavior, which include ecological theories of crime and delinquency, conflict theories (class conflict, group conflict, etc.), structural theories anomic, social disorganization, differential opportunity, etc.), control theories (social learning, social conditioning, containment, neutralization, etc.) and symbolic-interactionist theories (differential association, differential identification, labelling, etc.).

Criminology 105:
Psychological Explanations of Criminal and Deviant Behaviour *3 credits*

Prerequisites: none

Investigates the psychological and psychoanalytical explanations of criminal and deviant behavior advanced by such thinkers as Freud, Adler, Alexander, Staub, Aichhorn, Friedlander, Redl, Melanie, Klein, Bowlby, DeGrieff, Eysenk, Dollard, Glover, Mailloux, Pinatel and Corimier.

Criminology 109-3:
The Administration of Justice

The development of laws and their application to citizens and social groups. Special consideration will be given to civil liberties.

Criminology 112:
Introduction to Crime Prevention *3 credits*

Prerequisites: none
Transferability: to be announced

This course is designed to provide practical knowledge to those persons who are, or will be, employed in the justice system; or those who are interested in improving the quality of life in our communities through the reduction of crime. A number of different concepts of crime prevention will be examined. An integrated model of police, government agencies, community agencies and citizen participation will be developed. Recent research into the effectiveness of various approaches to crime control will be explored. Governmental agency approaches to crime prevention will be analysed in relation to societal changes in this century.

Criminology 230:
Criminal Law *3 credits*

Prerequisites: none
Transferability: SFU

Investigates the nature, purpose, scope, sources and basic principles of criminal law within its historical and contemporary contexts. The evolution of such legal concepts as guilt, criminal

responsibility, due process of law, is also studied. Current policy and legislation e.g. the legislative policy inherent in the Criminal Code, the specific offences and categories in the Criminal Code, the Juvenile Delinquent Act (Canada), the Protection of Children Act (B.C.), the control and treatment of drug addicts, dangerous sexual offenders, habitual criminals, mentally ill offenders, are examined in detail.

Effective Relations 300:
Introduction to Communication and Helping Skills *3 credits*

Prerequisites: none

Introduces basic communication and helping skills. Emphasis is on developing and practising your ability to relate positively with other people.

Helping skills will be introduced in the second half of the course: self-exploration and location of others' feelings; the technique of "personalizing" to help others take responsibility.

Effective Relations 350:
Personal and Skills Development *3 credits*

Prerequisites: Effective Relations 300

Through familiarization with the main values and issues underlying various therapeutic approaches in counselling/helping, participants will work towards better understanding, clarification and development of their own personal and helper values, and style of helping. Participants will be exposed to basic therapeutic orientation, basic issues in helping; and ethical issues in being a helper. Participants will be encouraged to explore their own personal set of values which affects their helping style.

Effective Relations 400:
Advanced Helping Skills *3 credits*

Prerequisites: Effective Relations 350

Assists you to be effective in positions which demand advanced levels of skill in helping others. Various theoretical approaches will be examined in light of the systematic model studied in prerequisite courses. Development of personal style, ethics and advanced helping skills will be the main goals. Interviewing techniques, group skills and crisis intervention techniques will also be acquired. Learning and evaluation methods will include the use of videotape.

Sociology 101:
Introductory Sociology I *3 credits*

Prerequisites: none
Transferability: UBC, SFU, UVic

An analysis of the basic concepts, methods and theoretical orientations which are characteristic of sociology. This course is designed to acquaint you with the discipline and to facilitate critical and logical thought concerning explanations of society and social interaction.

Psychology 101:
Introduction to Psychology I *3 credits*

Prerequisites: none
Transferability: UBC, SFU, UVic

Investigates the basic viewpoints of psychology with respect to learning, memory, thought, child development, sensation and perception, and physiology.

Faculty

Darryl Plecas, B.A., M.A. (SFU), R.S.W. (B.C.)
Tim Segger, B.A., M.A., UVic
William Zarchikoff, B.A. (Hons.), M.A. (SFU), R.S.W. (B.C.)

Early Childhood Education

Our society is changing, and the education of young children is now seen as a high priority. It is ironic that in the past the most formative period in human development has received the least attention from educators and our society in general.

Fraser Valley College offers an Early Childhood Education program that meets the licensing requirements of the Community Care Facilities Licensing Board for daycare/pre-school supervisors. The program is based on the provincial curriculum developed by the Ministry of Education and cooperatively adopted by college Early Childhood Education programs throughout the Province as the minimum standard for educating adults to work with young children. The provincial publication *Competencies in Early Childhood Education,* is available in the College bookstore and library. It is strongly recommended that prospective students examine a copy of *Competencies* to better understand what the program and working with young children involves before applying. There are three options available in the Early Childhood program:

Option I: one-year Early Childhood Education Assistant's Certificate

Option II: two-year Early Childhood Education Supervisor's Certificate

Option III: two-year Social Services Diploma in Early Childhood Education

Faculty

Dona Coates, B.A. (University of Toronto), M.A. (UBC)
John Potts, B.A. (California State University, Hayward), M.P.A. (California State University, Hayward)
Kathie Nash, Nursery Certificate (Vancouver General Hospital), E.C.E. Certificate, Fraser Valley College B.A. (in progress) (Antioch University)
Brian Talarico, B.A. (University of Victoria), M.A. (University of Victoria)
Kaui Kelipio Warsh, B.A. (California State University, Hayward)

Entrance requirements

Prospective full-time students are required to have completed grade 12 or equivalent, or be over 19 years of age. Detailed

admission requirements are available in information kits from Student Services.

An interview with Early Childhood Education program faculty will be part of the admissions process.

Additional Requirements

You will need a TB test. You are also responsible for providing your own transportation to and from practicum sites. In general the program requires considerable study and concentration. Your communication skills (written, reading and oral) need to be strong enough to support your academic work.

How to Apply

Student Services at any Fraser Valley College office has information kits which outline admission procedures.

Fees and Other Expenses

Fees are $8.50 per credit, up to a maximum of $170 per semester. Books and other supplies will cost approximately $100 per semester.

Option I

Early Childhood Education Assistant's Certificate

This is a one-year certificate program designed to qualify you to be an early childhood education assistant.

The program includes basic courses in communications, interpersonal relations, child growth and development, working with children and early childhood curriculum.

After completing this program you'll be familiar with the skills necessary to work with children in a group setting.

The Early Childhood Education Assistant's Certificate Program is outlined below:

Year One (Full-time)

Fall

ECE 301 — Child Growth & Development
ECE 311 — Introduction to Early Childhood Education
ECE 321 — Practicum Competencies
ECE 331 — Introduction to Practicum I
EFRL 300 — Introduction to Communication Skills
Comm 300 — Communications

Winter

ECE 302 — Child Growth & Development II
ECE 312 — Introduction to Early Childhood Education II
ECE 322 — Practicum Competencies
ECE 332 — Introduction to Practicum II
ECE 342 — Nutrition, Health and Safety
Comm 350 — Communications

Option II

Early Childhood Education Supervisor's Certificate

After completing the one-year program you can continue your education and take advanced courses in more specialized areas to become a daycare/preschool supervisor. These advanced (second-year) courses may be taken at night, giving you the option of working in the daytime.

The Early Childhood Education Supervisor's Certificate program is outlined below:

Year Two (Full or Part-time)

Fall

ECE 411 — ECE Administration
ECE 421 — Work Experience Practicum
ECE 431 — Early Childhood Workshops
EFRL 400 — Advanced Helping Skills

Winter

ECE 412 — ECE Administration II
ECE 422 — Work Experience Practicum II
ECE 431 — Continued From Fall Semester
ECE Electives — Three additional courses chosen from approved listing. May be taken in both fall and winter semesters.

Option III

Social Services Diploma in Early Childhood Education

After completing the one-year program you can continue your education in the Social Services program. This option offers a broader educational experience than the ECE Assistant's Certificate program and presents more opportunity on the career and education ladders.

Students interested in this option should apply first to the E.C.E. program. On or before April 1 of their first year,they are requested to apply to the Social Services program for their second year. Acceptance into one program does not necessarily guarantee acceptance into the other program.

Year Two (Full or Part-time)

Fall	Winter
ECE 401	EFRL 350
EFRL 400	HSP 330
HSP 310	PSYCH 102
PSYCH 101	SOC 102
SOC 101	

Course descriptions

Communications 300:
Communications for Human Services *3 credits*

Prerequisites: passing mark on English Placement Test

Introduction to basic techniques and forms of written and oral communication. Included are the communication process, basic organization and structure, outlining, paragraphing, logic, principles of business writing, business letters, memos, and oral presentations.

Communications 350:
Communications II (advanced) *3 credits*

Prerequisites: Communications 300

Continued application of principles and skills learned in Communications 300. Included are letters of application and resumes, interviewing skills, telephone skills, dictating, memo reports, letter reports, formal reports, graphic aids, and oral presentations.

ECE 301:

Human Growth and Development I *3 credits*

Competency Areas: Knowing the Individual Child, Program Planning

Prerequisites: none

Human development from conception to school age. You will relate your own personal growth to the theory being studied. Introduction is given to some basic research methods used in child study.

ECE 302:

Human Growth and Development II *3 credits*

Competency Areas: Knowing the Individual Child, Program Planning

Prerequisites: ECE 301, or permission of instructor

The study of human growth from middle childhood through adolescence. Emphasis will be on your own life experiences.

ECE 311:

Introduction to Early Childhood Programs I *3 credits*

Competency Areas: Guiding and Caring For Children, Program Planning, Professional Conduct

Prerequisites: none

Enables you to acquire basic skills and techniques in planning and implementing developmental programs and guidance methods for young children. Emphasis is on theories and skills as they are applied to working with children. Special attention is given to the study of educational theories and current daycare issues.

ECE 312:

Introduction to Early Childhood Education II *3 credits*

Competency Areas: Guiding and Caring For Children, Program Planning, Professional Conduct, Administration

Prerequisites: ECE 311, or permission of instructor

Environments for learning and the creation of child-centred classroom settings appropriate for the developmental needs of young children are studied. Emphasis is placed on the administration of early childhood programs and on parent relations and involvement.

ECE 321:

Practicum Competencies I *6 credits*

Competency Areas: Guiding and Caring, Program Planning, Knowing the Individual Child, Interpersonal Skills

Pre- or Corequisites: ECE 301, 311 and 331

Direct, supervised observations and experience with young children in a diversity of field placement centres, and the College Children's Centre.

ECE 322:

Practicum Competencies II *6 credits*

Competency Areas: as in 321

Prerequisite: ECE 321, or permission of instructor

Continuation of ECE 321 in which the student practices more complex competencies.

ECE 331:

Introduction to Practicum I *3 credits*

Competency Areas: Knowing the Individual Child, Program Planning

Prerequisites: none

A resource and support for ECE 321 (Practicum Competencies); offers specific curriculum ideas and observations in various areas of early childhood education (art, science, music, children's literature, etc.)

ECE 332:

Introduction to Practicum II *3 credits*

Competency Areas: as in 331

Prerequisites: ECE 331, or permission of instructor

Continuation of ECE 331, with special emphasis on environments for learning.

ECE 342:

Nutrition, Health and Safety *3 credits*

Consideration of the health and nutritional needs of young children. Topics include nutrition for growth, food storage, preparation and presentation for nutrition, safety and enjoyment, Ministry of Health requirements, childhood illnesses, planning for safety, and emergency procedures.

Effective Relations 300:

Introduction to Communication Skills *3 credits*

Introduces basic communication and helping skills. Emphasis is on developing and practising your ability to relate positively with other people.

Helping skills will be introduced in the second half of the course: self-exploration and location of others' feelings, the technique of "personalizing" to help others take responsibility.

Advanced Courses (2nd Year)

ECE 401:

Working with Special Children

An introduction to understanding the developmental needs of special children and working with children with a variety and range of developmental differences.

ECE 411:

ECE Administration

Competency Areas: Administration, Communications

Prerequisites: completion of year one, or permission of the instructor

You will become familiar with the regulations and requirements for establishing a daycare or preschool program. You will design and plan an early childhood program and write a proposal for licensing requirements.

ECE 412:

ECE Administration

Competency Areas: Administration, Communication, Interpersonal Communications, Professional Conduct

Prerequisite: ECE 411

Staff supervision, budget, parent relations, work with community agencies and government, and politics affecting children's services.

ECE 421:

Work Experience/Practicum

Prerequisite: completion of year one, or permission of the instructor

Corequisite: ECE 411

If you're working at an early childhood centre or need to gain work experience for certification as a supervisor, you can enroll in this practicum co-ordinated through the college's ECE program. Advanced competencies in Administration Program, Planning and Interacting With Families will be practised.

ECE 422:
Work Experience/Practicum
Prerequisite: ECE 421
Corequisite: ECE 412
Continuation of ECE 421

ECE 431:
Early Childhood Workshops
A workshop series running through both semesters, meeting evenings and weekends. Workshops include music and movement, art curriculum, working with parents, special needs, language development, outdoor environments, etc.

ECE 441:
Presenting Literature to Children
An experiential examination of a variety of methods of helping young children to become involved in and enjoy literature. Included will be creative drama, play-acting, writing and reading poetry, story-telling, puppetry and the history of children's literature.

ECE 451:
Supervisor's Seminar (Field Site Supervisors Only)

ECE 461:
Music in ECE Programs

Effective Relations 400:
Advanced Helping Skills *3 credits*
Assists you to be effective in positions which demand more advanced levels of skill in helping others. Various theoretical approaches will be examined in light of the systematic model studied in prerequisite courses. Development of personal style, ethics and advanced helping skills will be the main goals. Interviewing techniques, group skills and crisis intervention techniques will also be acquired. Learning and evaluation methods will include the use of videotape.

Social Services

This is a two-year, 60-credit program (combining practical skill development courses and university transfer courses), leading to a diploma. The program prepares you to work at the paraprofessional level in social service occupations. Typical jobs are: financial assistance worker, child care worker, community service worker, employment counselling aide, aide to the handicapped, and teacher aide.

The program also provides an opportunity for students preparing for professional degrees to learn about their future profession while taking valuable skill courses and earning up to a year-and-a-half of university transfer credits.

Transfer and Placement
Many courses in the Social Services program are transferable to university. Transferable courses are clearly marked in the following course descriptions.

You may qualify for many interesting jobs after completing the Social Services program at Fraser Valley College. Many students find jobs through field work positions which are carefully selected for employment potential.

Entrance Requirements
Prospective students must have completed grade 12 or the equivalent. A valid B.C. driver's licence, as well as access to an automobile are required. Two letters of reference (one from the family physician), attesting to the applicant's suitability for the field and ability to undertake a full-time program of study, are required. In general, applicants should be aware that the program is academically demanding. It is desirable that the prospective student have had exposure to the field, either paid or voluntary. More information about specific entrance requirements is available in the Social Services information kit available from Student Services.

How to Apply
Obtain information kit outlining admissions requirements and procedures, from Student Services in Abbotsford or Chilliwack or any college centre. As seats in the program are limited, it is suggested that students apply as soon as possible after April 1. Applications should be completed prior to May 31 for enrollment in September. Late applications will be accepted if space permits. Acceptance into the program is for the fall semester only. Since many courses in the Social Service program build on one another, students attempting to start in January will be unable to take preliminary courses until the following September.

Dates and Locations
The normal college year is from September through May. Fifteen hours per week of classes are required in the fall semester and nine hours per week of classes with two full days of field work practice are required in the winter semester.

The diploma program usually requires two full years of college attendance. Occasionally courses are challenged for credit, making it possible to complete the program more quickly. Mastery of course objectives must be demonstrated in order to successfully challenge a course.

Part-time students may enroll in any available human services course at any time convenient to them, provided they meet the stated prerequisites. Part-time students wanting to complete the Social Services program should consult with the program co-ordinator as early as possible in order to ensure they are taking the right courses in the right sequence.

The diploma program is offered at both the Abbotsford and Chilliwack campuses. Students must indicate on their application form which campus they wish to attend.

Fees and Other Expenses
Each course costs $8.50 to a maximum of $170 per semester. Human Services 330 and 430 cost $48, as they are assigned six credits instead of the usual three.

About $200 per year should be budgeted for textbooks and expenses connected with field work practice.

Program Outline — Social Services Diploma

FIRST YEAR

Semester I	*Credits*
Effective Relations 300	3
Communications 300	3
Human Services 310	3
Psychology 101	3
Sociology 101	3
	15

Semester II	*Credits*
Effective Relations 350	3
Communications 350	3
Human Services 330	6
Psychology 102	3
Sociology 102	3
	18

Psychology 101 and 102 and Sociology 101 and 102 are required courses but may be taken at any time during the two years of the program. Since 18 credits is a very heavy load, students may wish to defer taking Soc. 102 until Semester IV.

SECOND YEAR

Semester III	*Credits*
Effective Relations 400	3
Elective	3
Elective	3
Elective	3
Elective	3
	15

Semester IV	*Credits*
Human Services 430	6
Elective	3
Elective	3
(Soc. 102 if not completed Semester II)	3
	15

Electives

Six of the following courses are to be selected. Most of these courses are transferable and are described in the university transfer section of the calendar.

Students should include either Psych. 210 & 220 or E.C.E. 301 & 302 in their program in the second year.

Anthropology 101 & 102	History 105
Anthropology 111	Math 104
Anthropology 112	Philosophy 100
Anthropology 120	Philosophy 120
Anthropology 220	Political Science 100, 110
Anthropology 230	Psychology 205
Criminology 100	Psychology 206
Criminology 101	Psychology 210
Criminology 103	Psychology 220
Criminology 104	Psychology 230
Criminology 105	Psychology 240
Criminology 130	Psychology 250
Criminology 151	Sociology 210
Criminology 210	Sociology 220
Criminology 230	Sociology 230
Economics 110	E.C.E. 401
English 100	E.C.E. 301
Geography 110	E.C.E. 302
Geography 111	Human Services 493*
Geography 112	Human Services 494*
Geography 230	Human Services 483*
History 102	Human Services 484*

*only one of these may be selected.

Up to two university transfer courses may be chosen from those offered by the college, but not specified on the above list. It is suggested that students interested in this option consult with the coordinator prior to enrolling for these courses.

Program Outline — Social Services Diploma in Early Childhood Education

This option offers a broader educational experience than the Early Childhood Education Assistant Certificate program and presents more opportunity on the career and educational ladders. Under this option, students take part of the Human Services core curriculum during their first year while completing all the courses necessary for the Early Childhood Education Assistant Certificate.

During the second year, students will complete the Human Services core curriculum. A Social Service Diploma qualifies students in many more career areas including: childcare worker, social work aide, financial assistance worker, community services worker, etc.

It should be noted that due to the nature of the combined program whereby students receive both a certificate and a diploma, the total number of credits required for the diploma is 72. The program can, however, still be completed in two years.

Students interested in this option should apply first to the Early Childhood Education program. On or before April 1 of their first year, they are requested to apply to the Social Services program for their second year. Acceptance into one program does not necessarily guarantee acceptance into the other program.

YEAR 1

FALL		WINTER	
ECE 301	3 credits	ECE 302	3 credits
ECE 311	3 credits	ECE 312	3 credits
ECE 321	6 credits	ECE 322	6 credits
ECE 331	3 credits	ECE 333	3 credits
EFRL 300	3 credits	ECE 342	3 credits
Comm. 300	3 credits	Comm. 350	3 credits
	21 credits		21 credits

YEAR 2

FALL		*WINTER*	
EFRL 400	3 credits	EFRL 350	3 credits
PSYCH 101	3 credits	PSYCH 102	3 credits
SOC 101	3 credits	SOC 102	3 credits
HSP 310	3 credits	HSP 330	6 credits
ECE 401	3 credits		
	15 credits		15 credits

Please refer to the Children's Services section of the calendar for E.C.E. course descriptions.

Course Descriptions

Effective Relations 300:
Introduction to Interpersonal Communications & Helping Skills *3 credits*

Introduces basic interpersonal communications skills. Emphasis is on developing and practising your ability to relate positively with other people. Participants will be exposed to two methods of helping which they will have opportunities to develop further in more advanced courses. As part of the course requirements, you will be expected to share personal (but not necessarily private) experiences with other participants.

Effective Relations 350:
Approaches to Helping: A Theoretical Overview *3 credits*
Prerequisites: Effective Relations 300 and Psychology 101 or permission of instructor
Through familiarization with the main values and issues underlying various therapeutic approaches in counselling/helping, the participants will work toward a better understanding, clarification and development of their own personal and helper values and style of helping. Participants will be exposed to basic therapeutic orientations, basic issues in helping, and ethical issues in being a helper. Participants will be encouraged to explore their own personal set of values which affects their helping style.

Effective Relations 400:
Advanced Helping Skills *3 credits*
Prerequisites: Effective Relations 300
This course is designed to train participants to sharpen their helping skills. Advanced decision making, crisis intervention techniques and group management skills will be acquired. In addition, participants will be encouraged to gain self understanding in order to be more helpful to others.

Human Services 310:
Introduction to Social Services *3 credits*
Corequisite: Acceptance into a Human Services Program
Prerequisites: 1½ credits (S.W. 200) UVic
A critical survey of social services and clientele at local, provincial, and federal levels. There will be emphasis on the function of social service agencies programs. You will be expected to study at least one social service program or agency in depth. You will be exposed to, and tested on, the basic structure and function of social service agencies, and some social problem area(s). Emphasis will be placed on the role of the paraprofessional in the social service delivery system.

Human Services 330:
Practicum *6 credits*
Prerequisites: Human Services 310, Effective Relations 300, Communications 300 *and* permission of instructor
Supervised experience in work situations in which you could later be employed. You will have an opportunity to practise skills gained in prerequisite courses and will receive feedback about your competencies. There will be a weekly seminar, either on an individual or group basis.

Human Services 430:
Field Work Practicum *6 credits*
Prerequisites: Human Services 330, Effective Relations 350 and 400, Communications 300, 350 *and* permission of instructor
Supervised work experience in a social service agency. The goals and objectives of this course will be similar to the first year practicum. However, higher levels of skill performance are required.

Human Services 493:
Understanding and Working with the Developmentally Handicapped Child and Adult
Prerequisites: none, although Psychology 101, 102 are desirable
An introduction to human development with special attention given to the cases of developmental handicaps. Studies include origins of developmental handicaps due to genetic causes, physical and psycho-social causes. Emphasis is placed on understanding developmental and learning difficulties faced by disabled persons, and how the concept of normalization can be applied to treatment and workshop programs. Other emphases include physical and motor development, perception, intelligence, problem solving, language, moral questions, the brain, and the endocrine and hormone systems.
To be offered if enrollment and budget permit.

Human Services 494:
Understanding and Working with Clients Who Have Alcohol and Related Drug Dependencies
Prerequisites: none, though EFRL 300 and 350 are desirable.
This course is intended primarily for people who don't have degrees but who are working with clients having alcohol and/or drug problems. It is an introductory course on approaches to working with the chemically dependent person in institutional and community settings.
There will be a review of the influence of drugs, human behavior and emotional growth, concepts of stress and motivation, forms of communication and listening, as well as effects of alcoholism on the family and workplace.
There will be substantial emphasis on student participation in order to make this a practical as well as theoretical experience.
To be offered if enrollment and budget permit.

Human Services 483:
Family Dynamics
Prerequisites: Sociology 102, EFRL 400 or consent of the instructor
Transferability: this course, along with other Social Services courses, may be considered for up to 6 unassigned credits at UVic
The institution of marriage in our society will be studied. Students completing the course will become aware of some common problems of marriage and family relationships and will have gained an awareness of appropriate methods of social service intervention. An in-depth analysis of the family group from a systems theory approach will be undertaken. Family interaction and communication patterns, boundaries, power and alliances, and how they affect family members will be studied. The course will explore several models of family counselling in some depth. However, it is not the purpose of the course to train family therapists.
To be offered if enrollment and budget permit.

Human Services 484:
Child Care Practice
Prerequisites: Psychology 210 or E.C. 302, and EFRL 400
Transferability: being sought with UVic. Meanwhile, this course, along with other Social Services courses may be considered for up to 6 unassigned credits at UVic
This course will examine various aspects of social service work with children. It will include treatment methods, relationships with children, the needs of children, common behavioral problems and the methods of dealing with them. Specific problem areas to be explored will include: temper tantrums, acting out, family crisis, drug and alcohol use, depression, promiscuity, pregnancy, venereal disease. The emphasis will be on developing skills for use with children.
To be offered if enrollment and budget permit.

Faculty:
Terry Anderson, B.A., M.A. (Cal. State University, Chico)
Gloria Wolfson, B.A. (C.U.N.Y.), M.A. (Western Reserve Univ.) R.S.W. (B.C.)
Pat Gillespie, B.A. (Pomona College)

LIBRARY TECHNICIAN

The College, in cooperation with Vancouver Community College (Langara Campus), offers a diploma program for library technicians. Graduates will be prepared to work in libraries at a technical support level in reader services, technical services and audio-visual departments.

Students will normally graduate from Fraser Valley College. However, if you take 50% or more of your courses at Vancouver Community College, you may graduate from that college.

Entrance Requirements

Grade 12 graduation with a concentration in academic subjects is required. If you do not possess these requirements but have worked for several years, you may have your experience assessed in lieu of the stated educational minimum. Contact the program coordinator or Student Services for advice.

Vancouver Community College requires an orientation interview and aptitude test. You are strongly advised to attend the interview and aptitude test at Vancouver Community College before beginning the program, so that transferability is assured. Fraser Valley College Student Services has information regarding test and interview times and location.

Dates and Locations

This is a two-year program, with the Library Technician courses taking place at the Abbotsford Campus of Fraser Valley College and the Langara Campus (49th and Oak — Vancouver) of Vancouver Community College. Other career courses and academic electives are offered in the day and/or evening at the Abbotsford and Chilliwack campuses of Fraser Valley College. Part-time students are welcome.

Fees and Other Expenses

The program cost is $8.50 per credit with a maximum of $170 per semester. Students should budget approximately $150 per annum for textbooks and are responsible for their own transportation.

How to Apply

Obtain a Library Technician information kit from Student Services or any Fraser Valley College office.

Program Outline

The curriculum will consist of a combination of academic and technical courses. Over two years, the typical student will attain approximately one year of university transfer credit and one year of college credit in technical courses.

First Term

English 100 or 110
Modern Language (at appropriate level: French, German or Spanish)
Typing 300
Library Philosophy & Functions 118
Library Techniques 119
Academic Elective

Second Term

English 120 or 130
Modern Language
Business 337 — Data Processing
Library Techniques 318
Library Non-book Materials 315
Academic Elective

Third Term

Political Science 110
Psychology 101
*Institutional Business Procedures 116
*Library Techniques 218
*Library Field Work 219
Academic Elective

Fourth Term

Psychology 102
History 105
*Library Children's Services 412 (4 weeks)
*Library Information Handling 413 (4 weeks)
*Library Personnel Management 414 (4 weeks)
*Library Readers' Services 416
*Library Field Work 419
Academic Elective

*Courses offered at Vancouver Community College only

Course Descriptions

Library Technician Courses

Library Philosophy and Functions 118 *3 credits*

This survey course is approached through lecture, guest speaker, seminar and student report. The history of books and libraries is included with information on current trends in both the library world and the book industry. The role of the library technician is examined in libraries, both local and abroad.

Library Techniques 119 *3 credits*

An introduction to cataloguing procedures, including choice of the main entry heading and descriptive cataloguing. Full cataloguing according to the Anglo-American Cataloguing Rules is taught.

***Library Techniques 218** *3 credits*

A continuation of cataloguing procedures as well as technical services. Topics: selection aids, acquisitions, bibliographic searching, processing, circulation and inter-library loans. The handling of periodicals and access to government publications is included.

***Library Field Work 219** *3 credits*

During the second term, Thursdays are set aside for visits to libraries and related industries in and near Vancouver. Following the final examination period in April, you will work for two weeks in a library. This course is evaluated on a satisfactory/unsatisfactory scale and, therefore, is not included in calculation of the grade point average. A satisfactory standing in the course is a requirement for successful completion of the program.

Library Techniques 318 *3 credits*

Subject headings, Dewey and Library of Congress Classifications. Cataloguing techniques begun in LT 119 are continued.

Library Non-Book Materials 315 *3 credits*

An introduction to the cataloguing and handling of non-book materials, including film, audio and video tape, microforms, pictures, pamphlets, etc. Instruction in display techniques and library publicity is also given. You will learn to run common audiovisual equipment.

***Library Children's Services 412** *1 credit*

Children's literature: history, evaluation and acquisition; school style cataloguing and reading levels; library services to children including puppeteering and story-telling.

Note: this course runs approximately 4½ weeks (⅓ of a term).

***Library Information Handling 413** *1 credit*

Information storage and retrieval and special library services: indexing, personal file structures, current awareness, search strategy and profile construction, compilation of subject bibliographies.

Note: this course runs approximately 4½ weeks (⅓ of a term).

***Library Personnel Management 414** *1 credit*

Personnel management and small library management: staff selection, supervision, motivation and evaluation; library services and their evaluation; organizations and management styles.

Note: this course runs approximately 4½ weeks (⅓ of a term).

***Library Readers' Services 416** *3 credits*

Reference services in the humanities, sciences, and special subject areas such as law and medicine; the selection and use of reference books, handbooks, encyclopedias, gazetteers, etc.; relating the library to its public.

***Library Field Work 419:**
Graded Satisfactory/Unsatisfactory *3 credits*

You will spend four weeks, following the fourth term examinations, gaining further practical experience working in a library. Students are evaluated primarily on practical work by the course instructor and by their supervising librarian.

Career Technical Courses

Typing 300:
Typing for Library Technicians *3 credits*

An introduction to the typewriter and its operation; mastery of the keyboard and development of touch control; an introduction to basic letter styles and tabulation. You will also learn to type manuscripts, different letter styles, tabulations, business forms, and multiple copies. Emphasis will be on producing neat, accurate work in minimum time. A minimum speed of 45 words per minute will be required.

***Institutional Business Procedures** *3 credits*

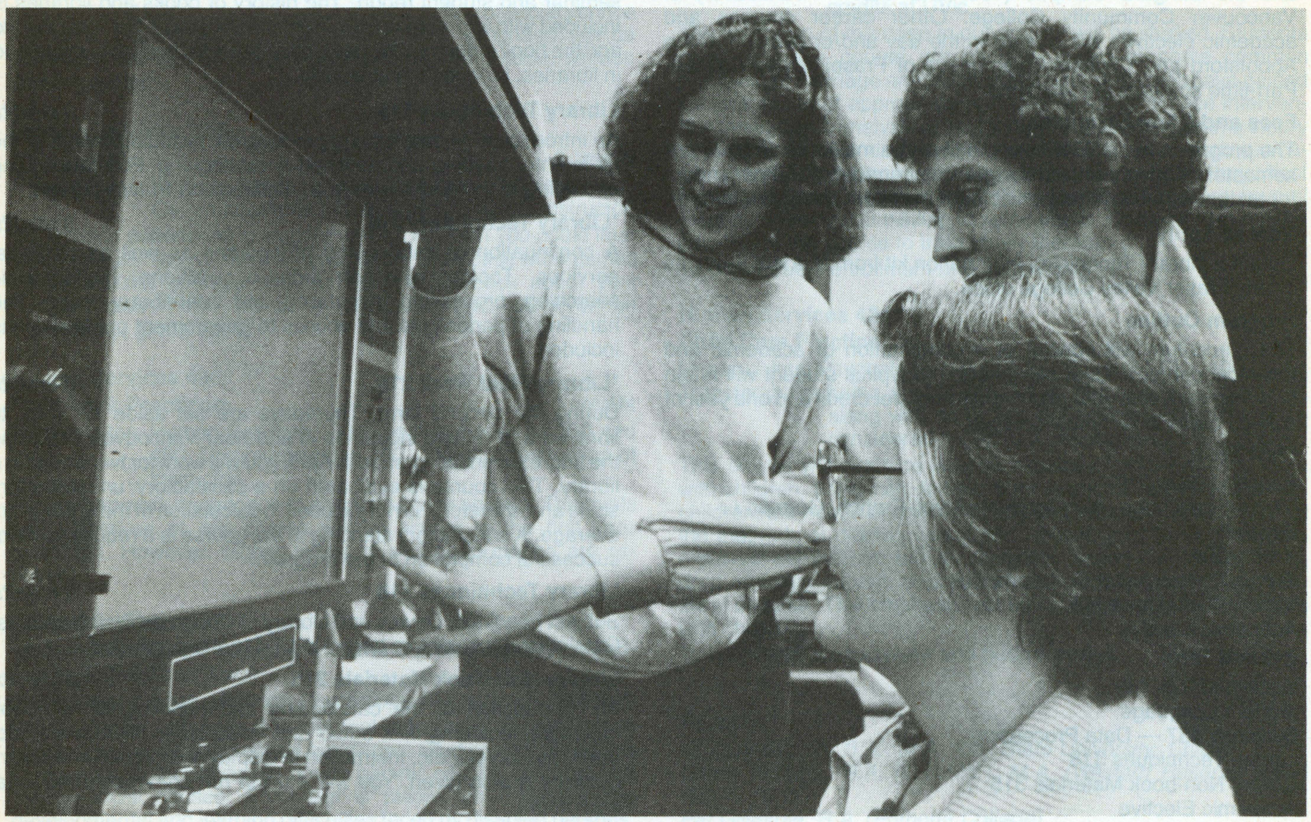
An introduction, designed specially for non-business students, to the business principles applicable to institutions. Topics include: legal and economic status of institutions in relationship to government, public relations, basic bookkeeping, statistics and transmittal services.

Academic Courses

For academic course descriptions, please see academic program section.

Faculty

Pat Sifton, B.A. (Hons.) English, M.L.S. (University of Western Ontario); Ont. Teaching Cert., English & School Librarianship



OFFICE CAREERS

The Office Careers program is an individualized, independent approach to learning business skills. It enables you to progress through course material at your own rate. The main objective of the program is to prepare you for employment in the entry-level office jobs most frequently and most widely available today.

The program is particularly beneficial if you are returning to school after a break in your education, if you wish to merely brush-up in a given area, or if you lack clearly established goals and wish to explore various career opportunities in business.

Transfer and placement

Offices in business, government and industry offer many interesting opportunities for immediate employment. The expansion of office staff, plus placement of workers in various clerical positions, results in a demand for new typists, general office clerks, file clerks, payroll clerks, bookkeepers, stenographers, and other important employees each year.

How to apply

Contact the Student Services office for an Office Careers information kit which contains all the necessary information for application to any of the program options.

Fees

Fees are $6.35 per credit. For example: if you take four courses worth three credits each, you will be carrying a 12-credit load, and your fees will be 12 x $6.35 = $76.20. For sponsorship through the Canada Employment Centre, you must apply directly to your local office.

Abbotsford and Chilliwack Full time options

Core Courses (taken by all students)

Typing I (3 credits)*
Business English (3 credits)
Filing & Records Management (2 credits)
Recordkeeping I (1 credit)
Office Procedures (2 credits)

Basic Office Skills Option — 3-4 months

Recordkeeping II (2 credits)
Business Machines 01 (1 credit)

Clerk-Typist Option — 4-6 months

Typing II (3 credits)
Business Communications (1 credit)
Business Math I (2 credits)
Business Machines I (2 credits)
Machine Transcription I (2 credits)
Recordkeeping II (2 credits)

Bookkeeper Option — 6-8 months

Business Communications (1 credit)
Business Math II (3 credits)
Business Machines II (3 credits)
Accounting I (4 credits)
Accounting II (3 credits)
Payroll Accounting (2 credits)
Bookkeeping Machine (1 credit)

Stenography Option — 8-10 months

Typing II (3 credits)
Typing III (3 credits)
Shorthand I (3 credits)
Shorthand II (3 credits)
Shorthand III (2 credits)
Business Communications (3 credits)
Business Math I (2 credits)
Business Machines I (2 credits)
Machine Transcription II (4 credits)
Recordkeeping II (2 credits)
Mag Card II Typewriter (1 credit) (Abbotsford only)

These program options run twelve months of the year and you can enter any option on a monthly basis. Classes are held from 8:30 a.m. to 3 p.m., Monday through Friday, at both east and west campuses.

Entrance requirements

Basic Office Skills option — grade 10 complete; Clerk-Typist and Bookkeeper options — Grade 11 complete; Stenography option — grade 12 complete. BTSD Level 4 or GED acceptable for all options. If you do not meet the minimum educational requirements, other factors such as work experience and maturity may be assessed by the college in lieu of the stated requirements.

Mission Daytime Program

The Office Careers lab in Mission gives you an opportunity to become proficient in a wide range of secretarial and bookkeeping skills on a part-time basis. It is designed for students who are currently on a wait-list for the full-time programs and who wish to start their studies at an earlier date. The program is also beneficial for those who are unemployed or between jobs, who want to upgrade their skills, and for those who would have difficulty attending on a full-time basis. The lab is open from 9 a.m. to 3 p.m., Monday through Friday.

Courses offered

Typing I (3 credits)
Typing II (3 credits)
Typing III (3 credits)
Shorthand I (3 credits) — Pitman or Forkner
Shorthand II (3 credits)
Shorthand III (2 credits)
Machine Transcription I (2 credits)
Machine Transcription II (4 credits)
Filing & Records Management (2 credits)
Accounting I (4 credits)
Accounting II (3 credits)
Payroll Accounting (2 credits)
Business Math & Machines I (4 credits)
Business Math & Machines II (6 credits)
Recordkeeping I (1 credit)
Recordkeeping II (2 credits)

Entrance requirements

Grade 10 complete or 17 years of age and out of school for one year.

Evening Program

A number of credit courses are being offered in the evening on an individualized basis in both Abbotsford and Chilliwack. These courses can be transferred to the full-time program as well.

Courses offered

Typing I, II
Shorthand I, II
Machine Transcription I
Accounting I, II
Payroll Accounting
Business Math & Machines I
Business Math & Machines II
Filing & Records Management

Entrance requirements

Grade 10 complete or 17 years of age and out of school for one year.

Faculty

Barbara Whiteside, B.A. (U.B.C.) Prof. Teaching Cert. (B.C.)
Sheila Elliott, Sec. Diploma (Reading Technical College)
Beverley Harnett, B.A., Bus.Ec. (Mt. St. Vincent), B.Ed. (Dalhousie)
Betty Mitchell, Instructor's Diploma (UBC)
Kathie Rusk, Instructor's Diploma (UBC)
Jim Watson, B.A. (Hons.) (Lakehead), Prof. Teaching Certificate (B.C.) P.D.P. (SFU)
Donna Toews, B.Ed.
Jane Dean, B.Comm. (UBC), P.D.P. (UBC)

Course Descriptions

Typing I

Prerequisite: none

An introduction to the typewriter and its operation; mastery of the keyboard and development of touch control; and introduction to basic letter styles, tabulation, and manuscripts. A minimum speed of 30 wpm is achieved on completion of this course.

Typing II

Prerequisite: Typing I or equivalent

This intermediate typing course is designed to provide the typist with tasks realistic to an office environment. You will learn to type tabulations, memoranda, different letter styles, reports, manuscripts, legal documents, minutes and agendas. All of the work is handwritten or in rough draft form and will require the typist to use the same kind of initiative and decision-making that would be necessary in an office.

The minimum speed requirement on completion of the course is 45 wpm.

Typing III

Prerequisite: Typing II or equivalent

A continuing development of students' speed and accuracy on straight copy and production work to a mastery level. Students are given extensive practical training, in a simulated office, typing; proofreading; efficiently producing complex manuscripts, tabulations, correspondence, and rough draft materials. A minimum speed of 60 wpm is achieved on completion of this course.

Mag Card II Typewriter:
Principles and Operation

Prerequisite: Typing II or equivalent

This course is designed to acquaint the student with the Mag Card II Typewriter and to provide practice in its basic operation. Aspects of the machine that will be covered include the electronic keyboard, the magnetic storage cards, and the electronic memory.

Shorthand I

A study of the theory of Pitman shorterhand (and/or Forkner shorthand in Mission) with emphasis on the ability to read meaningfully and fluently from shorthand plate and from students' own notes. Accurate transcription at 60 wpm is achieved on completion of this course.

Shorthand II

Prerequisite: Shorthand I or equivalent

A continuation of Shorthand I with emphasis on speed and development of business vocabulary. Accurate transcription at 80 wpm is achieved on completion of this course.

Shorthand III

Prerequisite: Shorthand II or equivalent

A continuation of Shorthand II at an advanced level. Transcription skills and shorthand speed are increased considerably. Accurate transcription at 100 wpm is achieved on completion of this course.

Machine Transcription I

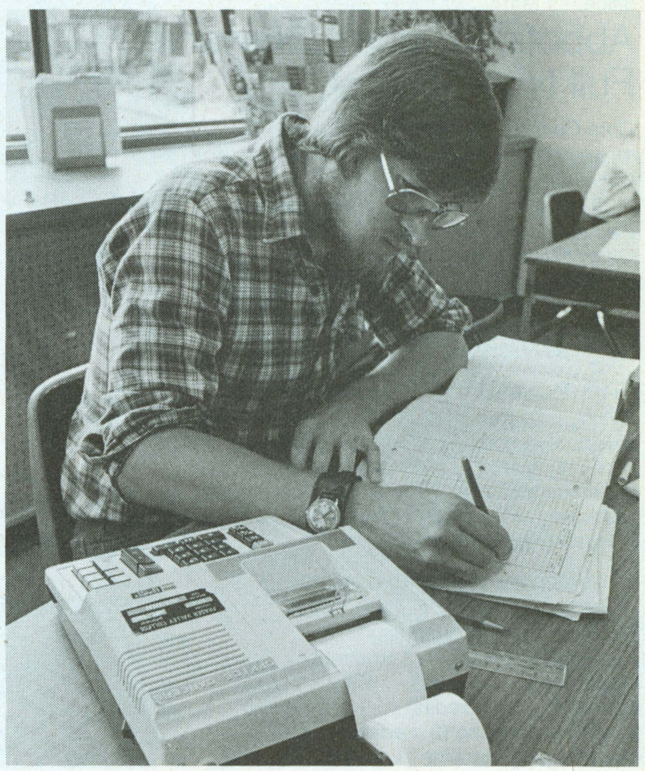
Prerequisite: Typing I or equivalent

An introduction to the operation of transcribing equipment. Attention is given to the fundamentals of spelling, grammar and punctuation, which are of basic importance for a good transcriptionist. Emphasis is on producing mailable copy.

Machine Transcription II

Prerequisite: Typing II or equivalent

This is an advanced course in machine transcription. The course covers modern business procedures, terminology, and equipment, in a working environment through which realistic skills, attitudes, and knowledge are developed.



Medical Transcription (Mission only)

Prerequisite: Typing II or equivalent

This course will introduce students who have already mastered typing skills to the field of medical transcription. Students will learn a wide range of medical terms and procedures while learning transcription techniques. A working knowledge of machine transcription is required.

Recordkeeping I

This course discusses the importance of well-kept records and the principle involved in designing and using forms. A personal recordkeeping practice set assists students in applying recordkeeping techniques. Instruction and practice are provided in preparing income tax returns.

Recordkeeping II

An introduction to recordkeeping in the business world. Students use various means of recordkeeping to increase their knowledge of transactions in an office. Topics cover handling cash receipts, cash payments, petty cash, credit sales, accounts receivable, inventory, and payroll.

Accounting I

This course familiarizes students with the types of business organizations and their various journals and records. It introduces the basic accounting cycle, including journalizing, posting, preparing a trial balance, preparing financial statements, making closing entries and preparing a post-closing trial balance. Students perform and record all banking activities in the related journals concluding with bank reconciliation. The use of the synoptic journal in profit and non-profit organizations is illustrated. Payroll and petty cash records are also included.

Business Mathematics I

A review of basic arithmetic skills including working with whole numbers, decimals, common fractions, and percentages. Specific business topics covered are simple and compound interests, cash and trade discounts, mark-up and net profit.

Business Mathematics II

A continuation of Business Mathematics I including installment credit, discounting notes, inventory evaluation, cost of goods sold, depreciation, and binary and hexidecimal number systems.

Bookkeeping Machine — Principles and Operation

Prerequisite: Accounting I

This course is designed to acquaint students with a basic programmed bookkeeping machine and to provide practice in its operation. A payroll program and an accounts receivable program are included to aid in building skill and confidence.

Business Machines OI

This course is designed to acquaint students with the electronic calculator. Emphasis is on accuracy and speed development using the touch method.

Business Machines I

This course teaches and provides practice in touch operation on the ten-key calculator. Special features of the calculator, including continuous and mixed operations, memory, constant and percent key, are demonstrated and discussed in detail.

Business Machines II

This course also includes accuracy and speed drills which are conducted by the instructor to develop skill in efficient and speedy touch operations. A unit has been designed to introduce further special features included on some calculators found in offices today. These features include a grand total key, item count, first factor accumulator, and mark-up key.

Note: The business Mathematics and Business Machines courses are designed to be completed together. As each mathematical principle is learned, reference is made to specific activities in the Business Machines course to enable students to apply machine principles.

Business Mathematics I and Business Machines I are for those students interested in pursuing careers in the clerical and secretarial fields.

Business Mathematics II and Business Machines II are for those students interested in the bookkeeping and accounting fields.

Accounting II

Prerequisite: Accounting I or equivalent

This course proceeds through all aspects of purchases and sales in a merchandising operation including inventory control, calculation of cost of goods sold, and related special journals. Accounts receivable and accounts payable subsidiary ledgers are used in conjunction with the general ledger control account. Adjusting entries (depreciation, bad debts, and prepaid expenses) are recorded on worksheets for completion of detailed financial statements. Closing entries and post-closing trial balance complete the accounting cycle. A comparative study is made between periodic and perpetual inventory.

Payroll Accounting

A course on the basic requirements for preparation of a payroll system. Students calculate gross pay using several methods of computing earnings. Statutory and voluntary deductions are made and the result is net pay. Methods of payment are also discussed and a payroll distribution is made. Procedures for employee termination, preparation of year end payroll summaries and T4's are included.

Business English

This course provides an analysis of the structure of the English language. Special emphasis is placed on the appropriate use of the parts of speech and on the functions of various punctuation symbols that are encountered in ordinary business communications. Individualized instruction is also given on developing good communication skills such as vocabulary building, reading and spelling.

Business Communications

Prerequisite: Business English or equivalent

This course is planned to give students extensive practice in writing effective business communications, including business letters and memoranda. A study of mechanics, principles, tone, and effectiveness will help students achieve desired results.

Filing and Records Management

A study of the rules and principles of indexing and filing, as well as establishing and maintaining a filing system. Training in the various methods of filing such as alphabetical, numerical, subject, and geographic is also included.

Office Procedures

An introduction to, and application of, office policies and procedures. Areas to be covered are organizing for efficiency, telephone communications and techniques, postal services and handling office mail, duplicating procedures, use of reference resources and job search techniques.

WELDING

Effective September, 1981, the Welding program will be organized to accept both upgrading and entry-level students within the same class. Most of your training will be individualized and is based on a modular program.

Pre-employment program

This program offers basic training for entry-level employment in a broad variety of welding, steel fabrication and related jobs. The curriculum covered is organized on the modular plan recently adopted by the Provincial Welding Code Committee. The particular modules taught in this course have been adopted as a result of priorities and recommendations of our local advisory committee.

Employment opportunities

Students who are successful in this program will have a variety of employment opportunities in metal working industries as a welder's helper, a production welder, a maintenance welder, a welder-fitter, a welder-fabricator, etc.

Entrance requirements

To be admitted you must (a) be 18 years of age with Grade 10 completion or equivalent (BTSD 3) and have one year of work experience or (b) have Grade 12 or equivalent (BTSD 4 or GED).

How to apply

A student information kit for the Welding Program is available from any Fraser Valley College office. In addition to more detailed program information, the kit also contains an application form and instruction on submitting your application to the College. If you may be eligible for Manpower assistance, contact your local Canada Employment Centre for more information.

Dates and location

The program will begin September 8, 1981, and will operate in the welding shop at the Abbotsford Campus.

Program outline

The new modular training scheme as recommended by the Provincial Welding Code Committee provides for the following training modules, with training about 4½-5 months:

Practical modules

P1: Introduction and Program Orientation
P2: Gas Cutting
P3: Gas Welding and Braze Welding
P4: Shielded Metal Arc Welding — basic
P5: Air Carbon Arc Gouging
P6: Gas Metal Arc Welding and Flux Cored Arc Welding — basic

Related Knowledge Modules

RK1: Material Handling
RK2: Blueprint Reading I — basic
RK3: Metallurgy I — introduction

In addition to the above, several other training modules may be available during the program depending on the priorities and recommendations of the trades advisory committee representatives from local industry.

Welding upgrading program

As indicated at the beginning of this section, it is the intention of the College to have the Welding program organized effective September, 1981, so that 'upgraders' have easier access to training at various times during the year. This should be possible through a new 'continuous-entrance, continuous-exit' arrangement whereby spaces in the class will become available at certain times throughout the year. Upgraders will have equal opportunity with pre-employment students in filling these spaces.

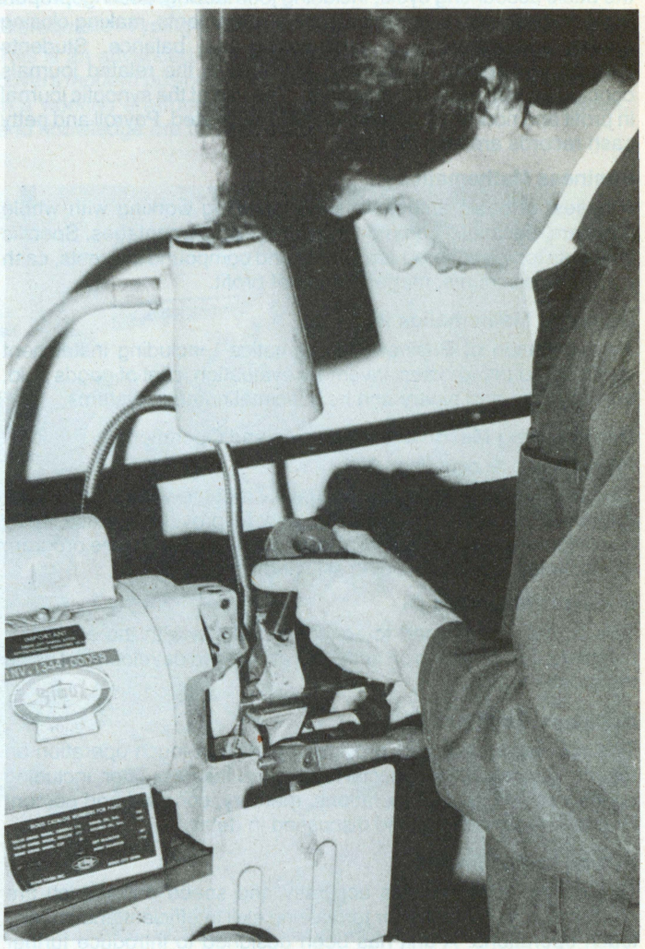
The purpose of the Upgrading program is to assist those currently or recently employed in welding jobs to improve their techniques or become proficient in additional processes. Instruction will be based on the new provincial modular system. Details on this plan are outlined in the program information kit for the Welding program.

Fees

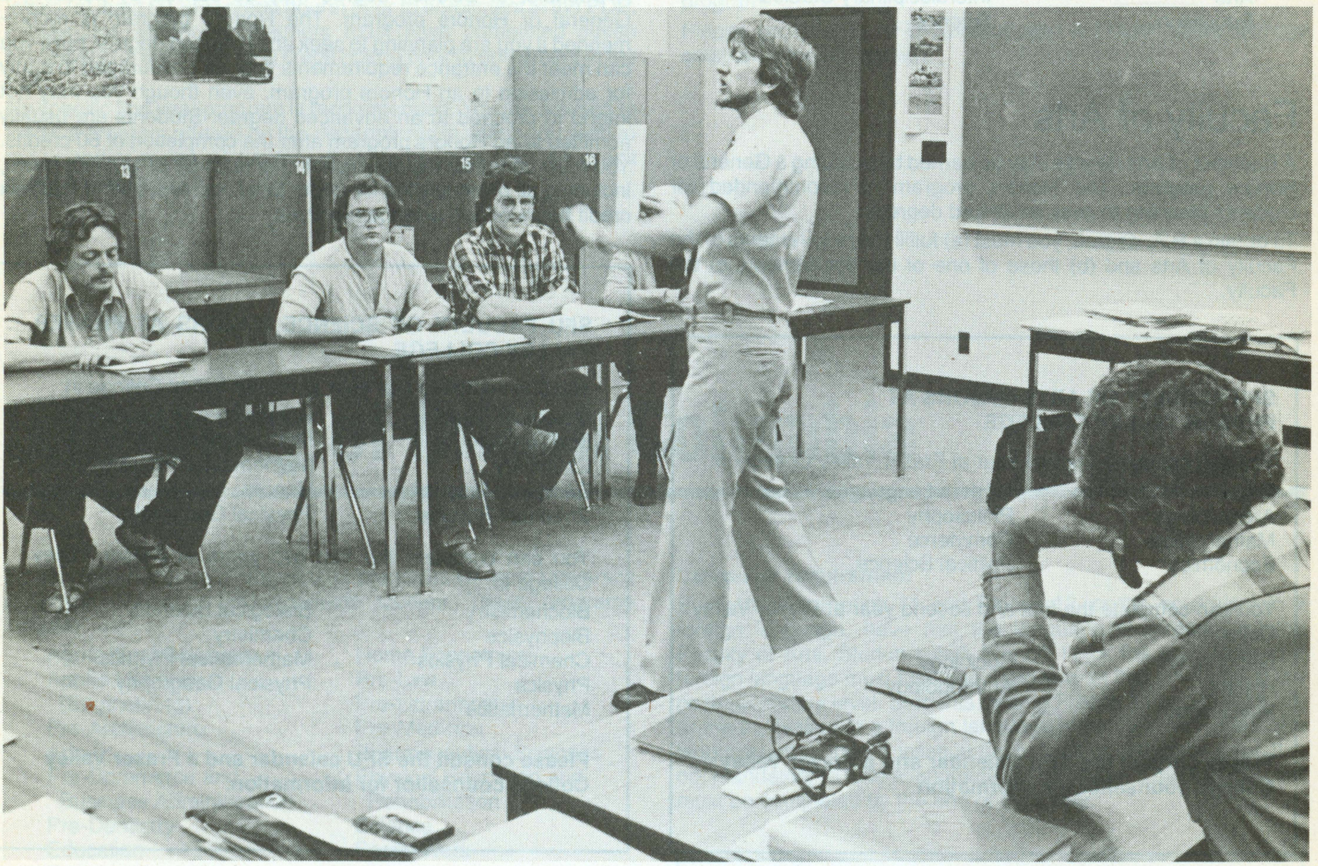
Current student fees are $8.50 per week. Some "upgrading" modules will have an additional fee to cover consumable supplies.

Faculty

Walter N. Bissky, D.P.W. #1, D.P.W. #4 (B.C.)



UNIVERSITY TRANSFER



Fraser Valley College offers first- and second-year academic studies transferable to Simon Fraser University, the University of British Columbia and the University of Victoria.

The credits you earn in the Fraser Valley College University Transfer program will also be accepted by other post-secondary institutions in British Columbia and elsewhere.

Please note

If you plan to continue your education at another post-secondary institution, you should make yourself fully aware of its requirements. Consult a college counsellor for assistance.

University regulations vary with respect to transfer of credits from provincial colleges and institutes. However, the following guidelines generally apply:

1. No grades less than C are assured of credit.
2. A cumulative grade-point average of at least 2.0 is required.
3. Credit may not be granted for courses passed if the semester grade-point average is less than 2.0.
4. Students usually must have completed a full first year (30 credits).
5. Students may not normally transfer more than 60 credits. However, some programs, such as Honors Science at UBC, require a heavier course load, and in those cases additional credits may be transferred.

Course load

If you take a full load of university transfer courses at Fraser Valley College, you normally enroll in 5 courses each semester for two semesters, totalling 10 courses during the academic year. A semester is four months. Because SFU is also on the semester system, 10 SFU courses equal 10 Fraser Valley College courses. However, since most courses at UBC and UVic are eight months long, 10 Fraser Valley College courses equal 5 UBC or UVic courses.

Since the demands of university transfer courses are heavy, you are strongly urged to adjust your course load to your academic ability, study habits, and time commitments. You are not encouraged to enroll in more than 5 courses each semester. Special permission is needed to undertake more than 6 courses.

Simon Fraser University

Fraser Valley College offers transfer programs for most Simon Fraser undergraduate studies. These programs include:

Arts	Interdisciplinary Studies
Education	Science

Faculty of Arts

A Bachelor of Arts degree may be earned by pursuing a General or Honors program. The Honors program is recommended for students planning to seek advanced degrees.

To obtain a B.A. degree, you must (a) fulfill the requirements of the Faculty of Arts and (b) those of one of the departments of the Faculty.

SFU FACULTY OF ARTS MAJORS AT FRASER VALLEY COLLEGE

You can complete the first year at Fraser Valley College in:

English	Modern Languages
Archaeology	Philosophy
Mathematics	Commerce
Economics	Political Science

You can complete the first and second year at Fraser Valley College in:

Geography	Sociology
History	Anthropology
Psychology	

Please consult the SFU Calendar and a Fraser Valley College counsellor for information

In addition to the requirements for a Major, you must complete the following requirements in groups A, B and C in the first 60 credits of study either at Fraser Valley College or SFU:

To complete your lower levels, select transferable elective courses to bring your total to 60 SFU credit hours (20 courses).

Group A: 12 credits (4 courses) selected from at least two of the following areas:

English	Modern Languages
History	Philosophy

Group B: 12 credits (4 courses) selected from at least two of the following areas:

Anthropology	Political Science
Economics	Psychology
Geography	Sociology

Group C: 2 courses selected from:

Mathematics	Chemistry
Biology	Physics
Physical Geography	

Faculty of Science

A Bachelor of Science degree may be earned by pursuing a General or Honors program. The Honors program is recommended if you are planning to seek an advanced degree, but if you can meet the entrance requirements you are encouraged to apply for admission to an Honors program, even though you may not intend to proceed to an advanced degree. Students are usually admitted to an Honors program after the completion of 60 credits. You must complete the equivalent of at least 60 SFU credit hours, including all prerequisites for upper level courses, and at least six credit hours of non-science electives.

SFU FACULTY OF SCIENCE MAJORS AT FRASER VALLEY COLLEGE

You can complete first year at Fraser Valley College in:

Biological Science	Chemistry with Economics
Biochemistry	Mathematics
Chemistry	Mathematical Physics
Computer Science	Honors
Chemical Physics	Physical Geography

You can complete the first two years at Fraser Valley College in:

Biochemistry	Biological Science
Biophysics	Chemistry
Chemical Physics	Mathematical Physics
Physics	Physical Geography
Mathematics	

Please consult the SFU calendar and a Fraser Valley College counsellor for information.

Faculty of Education

The SFU Faculty of Education offers a 12-month Professional Development program (Teacher Training), six months of which are spent in schools. The remaining six months are devoted to education theory. Part of this period may also be used to fulfil requirements toward an Arts, Science or General Studies degree.

The teacher preparation program can be taken in various ways. You may wish to:

1. take the Bachelor of Education (B.Ed.) degree which includes the Professional Development program (PDP);
2. complete a B.A. or B.Sc. degree and then the PDP; or
3. take part of the work towards one of these degrees, complete the PDP, and later complete the degree.

The B.Ed. program leads to a teaching career in either elementary or secondary schools, and is ten semesters. Prospective elementary teachers should major or minor in subjects widely taught in elementary schools. Prospective secondary teachers should major in one, or minor in two, subjects widely taught in secondary schools.

Faculty of Science

To qualify for a Bachelor of Science degree, a student usually completes four years of study for a total of at least 60 UBC units. At least 36 UBC units must be completed in science courses. At least nine UBC units in arts are required: first-year English plus at least six more UBC units.

Students who plan to undertake Masters or Doctoral degrees in science are advised that many graduate schools require proficiency in languages other than English.

FACULTY OF SCIENCE MAJORS AT FVC

You can complete the first year at Fraser Valley College in:

Botany	Biochemistry
Computer Science	Geology (pending approval)
Geography	Geophysics
Microbiology	Psychology

You can complete first and second year at Fraser Valley College in:

Astronomy	Marine Biology
Biology	Oceanography
Chemistry	Physics
Mathematics	Physiology
	Zoology

Please consult the SFU calendar and a Fraser Valley College counsellor for information.

Faculty of Education

Elementary (4 years)

UBC requires that you complete the full four-year Bachelor of Education (Elementary) degree program before qualifying to teach. The first and, in most cases, the second year of this program can be taken at Fraser Valley College.

Secondary (5 years)

Three types of degree programs leading to a Bachelor of Education (Secondary) are offered at UBC: (1) The General program which indicates that the graduate is prepared to teach two high school subjects and has successfully completed two appropriate academic concentrations; (2) the Major program indicating that the graduate has completed a major course in a subject widely taught in secondary schools; and (3) the Honors program which indicates that the graduate has completed an honors course in a subject widely taught in secondary schools.

SECONDARY EDUCATION CONCENTRATIONS OR MAJORS AT FVC

You can complete first year at Fraser Valley College in:

Agricultural Sciences	Industrial Education
Biological Sciences	Librarianship
Business Education	Mathematics
Creative Writing	Physical Education
Earth and Space Sciences	Physics
Home Economics	Special Education

You can complete first and second year at Fraser Valley College in:

Canadian Studies	Geography
Chemistry	History
English	Social Sciences
French	Russian

Please consult the UBC Calendar and a Fraser Valley College counsellor for information.

Other Faculties

Applied Science

You can complete the one-year, Pre-Engineering program and subject to approval and funding you will be able to complete the first year Applied Science program in 1981/82, at Fraser Valley College.

Commerce and Business Administration:

You can complete the one-year, Pre-Commerce program and, subject to approval and funding, the first-year Commerce program will also be available in 1981/82.

Dentistry

You can complete two years of Pre-Dentistry.

Forestry

You can complete the one-year Pre-Forestry program.

Medicine

You can complete two years Pre-Medicine.

Rehabilitation Medicine

You can complete first year of Rehabilitation Medicine.

Pharmaceutical Sciences

You can complete the one-year Pre-Pharmacy program.

University of Victoria

Fraser Valley College offers transfer programs for most University of Victoria undergraduate studies. These programs include:

Arts & Sciences	Fine Arts (Visual)
Child Care	Pre-Law
Education	Social Work

Faculty of Arts and Sciences

Each of the Honors, Major and General programs requires a minimum of 60 UVic units of course work. Twenty-one UVic units must be at the third-or fourth-year level.

First Year: 30 Fraser Valley College credits

1. Two Fraser Valley College English courses at the 100 level
2. Not more than six Fraser Valley College courses from any single department.
3. At least two Fraser Valley College courses from each of two other departments.

Second Year: 30 Fraser Valley College credits (15 UVic units)

1. Not more than six Fraser Valley College courses from any single department.
2. At least two Fraser Valley College courses from another department. Introductory courses related to your major must be included in the first and second years of study.

Introductory courses related to your major must be included in the first and second years of study.

UVIC FACULTY OF ARTS MAJORS AT FVC

Fraser Valley College offers first year in:

Anthropology	Environmental Studies
Economics	French
German	

Fraser Valley College offers first and second year in:

English	Political Science
Geography	Psychology
History	Sociology
Philosophy	

Please consult UVic calendar and a Fraser Valley College counsellor for information.

UVIC FACULTY OF SCIENCE MAJORS AT FVC

You can complete first year at Fraser Valley College in:

Biochemistry	Environmental Studies
Biology	Microbiology
Computer Science	Physics

You can complete first and second years at Fraser Valley College in:

Chemistry	Mathematics
Geography	

Please consult UVic calendar and a Fraser Valley College counsellor for information.

Faculty of Education

Students can transfer from Fraser Valley College to UVic but must seek prior approval from UVic's Education Advising Centre.

Please consult a Fraser Valley College counsellor for more information.

Please consult a Fraser Valley College counsellor for more information.



ACADEMIC PROGRAMS



Anthropology

Today many people are questioning our way of life and looking for ways to change it. As a result, they are looking to other societies for solutions to our problems; for example, to Eastern religions and to North American Indians.

Anthropology is a way of seeing possible changes for our society by comparing it with others. A look at life in a Pueblo village might help us deal with the problems of life in cities. A look at the belief in gods and ghosts on the Pacific Island of Ifaluk helps clarify the pros and cons of becoming more or less religious.

Anthropology has three major parts. In physical anthropology we study human origins by looking at the apes, monkeys, other mammals and the record of fossils. In archaeology we study past societies by excavating what they left behind. In cultural anthropology we investigate ways of life (such as those of African tribesmen or Balinese peasants) quite unlike our own.

At Fraser Valley College, you will learn what anthropologists do (such as excavating archaeological sites) and what they have discovered about other societies and our own.

NOTE: For courses numbered below 100, see Developmental Studies section of the calendar: College Preparatory Programs.

Anthropology 101:
Introduction to Physical Anthropology and Archaeology *3 credits*

Prerequisites: none
Transferability: UBC, SFU, UVic

Physical anthropology is the study of human evolution. It includes our relationship to the other animals and the origin of physical and behavioral traits which together make man distinct — a large and complex brain, upright posture, tool making, symbolic language, sharing. Included also is the study of human diversity — the origins and importance of racial differences. Archaeology is the reconstruction of past ways of life, from the earliest hunters to the pyramid builders of Egypt and Central America. You will learn how evolution and past lifeways are studied.

Anthropology 102:
Introduction to Social and Cultural Anthropology *3 credits*

Prerequisites: none
Transferability: UBC, SFU, UVic

The customs of other people (e.g., the potlatch, tribal warfare) often seem weird and irrational to us. But are they really? People around the world have different ways of solving the basic human problems of making a living, organizing, raising children and dealing with the supernatural. Learning about different societies (African pygmies, the Inuit, the Balinese) and how anthropologists study them can help in understanding our own customs.

Anthropology 111:
Indians of British Columbia (Traditional Life) *3 credits*

Prerequisites: none
Transferability: UBC, SFU, UVic

A survey of traditional native life in British Columbia, including technology, economy, law and decision making, family organization, religion, art and the changes brought about by European settlement.

Anthropology 112:
Indians of British Columbia (Contemporary) *3 credits*

Prerequisites: none
Transferability: UBC, SFU, UVic

This course considers 19th and 20th Century Indian history and issues of importance to Native people today, including land claims, Indian status, community development, education and political action.

Anthropology 120:
Culture and Environment *3 credits*

Prerequisites: none
Transferability: UBC, SFU, UVic

The world is said to be facing an environmental crisis — one of overpopulation, overpollution and overuse of energy and natural resources. Is this so? Is it because Canada and the other industrialized nations are out of tune with their environments? This course seeks to answer these questions by looking at the relationship between people and their environment in our own society and in those of hunters and gatherers (like the James Bay Cree) and tribal agriculturalists (like the Tsembaga of New Guinea).

Anthropology 210:
Social Organization *3 credits*

Prerequisites: none

Anthropological approaches to, and an examination of, the structures of social relations in non-industrial societies, with emphasis on kinship and social organization among North American Indians, Australian Aborigines, and other indigenous populations.

Anthropology 220:
Culture Change *3 credits*

Prerequisites: none
Transferability: UBC, SFU, UVic

Phrases like 'future shock', 'the end of affluence', 'the death of God', and 'the environmental crisis' imply that the world is in an unprecedented period of change. This course examines how and why societies change. In alternate years students will examine and compare theories of behavior and change (e.g., Marxism, sociobiology, cultural evolution, cultural revitalism) and problems of the third world nations with emphasis on certain select countries.

Anthropology 230:
Religion and Culture *3 credits*

Prerequisites: none
Transferability: UBC, SFU, UVic

A comparison of religions of the Western and Eastern civilizations (Christianity, Buddhism, etc.) with those of tribal peoples (e.g., Inuit, Hopi) with the object of answering such questions as "What is religion?" "What does religion do for a society?" "What does religion do for individuals?" and "What is the place of religion in today's world?" Subjects include magic, myth, ritual, curing and witchcraft.

Faculty

David Wyatt, B.A. (Washington), M.A., Ph.D. (Brown)
Douglas R. Hudson, B.A. (U.Vic.), M.A. (McMaster)
Colin Ridgewell, B.Sc. (Southampton), M.A. (SFU)

Art History

"Artistic activity begins when man finds himself face to face with the visible world as with something immensely enigmatical . . . In the creation of a work of art, man engages in a struggle with nature not for his physical but for his mental existence."
Conrad Reidler

Too often people feel distanced from the "fine arts", due to the social mystique that has grown around them. Art, however, is a visual language that surrounds us daily in the gas station or in the gallery. In modern images we embody our present understanding of the world; in the past other cultures used other images in this same way. The visual arts are not meant to be obscure, their meaning is not intentionally hidden. We must, however, become familiar with its vocabulary of forms before we can fully appreciate what art says. It is not necessary to be an artist in order to enjoy and appreciate art — appreciation is contingent only upon an interest, a willingness to participate, and a wish to understand.

The College offers courses designed to fulfill two purposes: to develop a visual literacy that will allow students an understanding and appreciation of the visual arts, and to provide a background for those interested in the humanities.

Art History 101:
History of Western Art to 1600 *3 credits*
Prerequisites: none
Transferability: UBC, SFU, UVic
This is an introduction to art history designed to enable students to acquire knowledge, understanding and appreciation of art and architecture from cave paintings to the renaissance, and the manner in which art reflects culture.

Art History 102:
History of Western Art, 1600 to the Present *3 credits*
Prerequisites: none
Transferability: UBC, SFU, UVic
This is a sequel to Art History 101, and continues to explore art and architecture from the renaissance to the modern era. It is helpful but not essential that students be familiar with the material in Art History 101.

Art History 201:
History of 19th Century Art *3 credits*
Prerequisites: Art History 102, or permission of instructor
Transferability: UBC, SFU, UVic
This course focuses on major movements in art and architecture from the Romanticism and Neoclassicism of the early 1800s to the later Impressionism and Expressionism of Monet and Van Gogh.

Art History 202:
History of 20th Century Art *3 credits*
Prerequisites: Art History 102, or permission of instructor
Transferability: UBC, SFU, UVic
This course focuses on the visual arts of the 20th century as they develop in Europe and North America. It concentrates on the numerous and complex movements and counter-movements that give modern art its particular character and texture.



Biology

Biology is the science with the most immediate impact on our lives. Certainly the tremendous growth of biological studies in this century has changed the way we perceive our role in the world. We are beginning to realize that we are but one of millions of species, all tied together by a biochemistry that reveals our common ancestry.

Living things are unique in that they increase and maintain their levels of organization while the universe generally moves in a direction of less complexity or increasing disorder. This requires energy, and one of the fundamental concepts uniting the fantastic diversity of living forms is the need for a constant supply of usable energy. How organisms act and interact with themselves and their environment in procuring and using this energy is one of biology's major areas of study.

Biology is also concerned with the continuity of life from generation to generation through mechanisms of inheritance and adaptation that have built-in allowances for change.

All biology courses at Fraser Valley College consist of both lectures and labs.

Note: For courses numbered below 100, see Developmental Studies section of the calendar: College Preparatory Programs.

Biology 100:
Contemporary Issues in Biology *4 credits*
Prerequisites: none
Transferability: UBC, SFU, UVic

Primarily for non-science students interested in current biological issues. University transfer credit is given for Arts' science requirements only, not for Science majors. Topics will be selected from areas such as genetic engineering, cancer, nutrition, population growth, ecology, drugs, biological rhythms, biological ethics, etc. While the emphasis will be in these areas, basic biological concepts will be included as these are necessary for a comprehension of the issues of interest.

Biology 101:
Introductory Biology *4 credits*
Prerequisites: none
Transferability: UBC, SFU, UVic

For majors in biology and for career programs such as dentistry, education, forestry, medicine, agriculture, etc., that require a rigorous treatment of current concepts in biology. The course will emphasize the molecular and cellular basis of life, biochemical processes, cellular structure and function, genetics and diversity of life.

Biology 102:
Introductory Biology *4 credits*
Prerequisites: Biology 101, or permission of instructor
Transferability: UBC, SFU, UVic

Continues the study begun in Biology 101 of the principles of biology, particularly the organism. A study of life including its evolution and diversity, the anatomy and physiology of plant and animal systems, and the interaction of organisms with one another and with their physical environment are among the topics covered.

Biology 105:
Human Biology *4 credits*
Prerequisites: none
Transferability: UBC, SFU

Primarily for non-science students with an interest in the human organism. University transfer credit is given for Arts' science requirements only, not for Science majors. The course deals with evolution, behavior, ecology, physiology, nutrition, reproduction and genetics.

Biology 201:
Cell Biology I *4 credits*
Prerequisites: Biology 101 and 102
Corequisite: Chemistry 211
Transferability: UBC, SFU, UVic

The structure and function of cellular components. Topics include: biochemistry of carbohydrates, lipids, porteins and nucleic acids; bioenergetics; enzymes; membrane structure and function; ribosomes and protein synthesis; mitochondrial structure, function and biochemistry.

Biology 202:
Cell Biology II *4 credits*
Prerequisites: Biology 101, 102, 201 and Chemistry 211
Corequisite: Chemistry 212
Transferability: UBC, SFU, UVic

A continuation of the structure and function of cellular components. Topics will include: chloroplast structure and function, the genetic system, genetic activities of organelles, the golgi apparatus, lysosomes and microbodies, cell movements, the nucleus, mitosis and meiosis, and cytogentics.

Biology 210:
Introduction to Ecology *4 credits*
Prerequisites: Biology 101 and 102, or permission of instructor
Transferability: UBC, SFU, UVic

An introduction to the basic principles of ecological theory relating to the structure and function of ecosystems. The course deals with organism-environment relationships, population dynamics, community and ecosystem levels of organization. Labs emphasize field work and the course includes weekend field trips to Manning Park and the Bamfield Marine Station.

Biology 220:
Genetics *4 credits*
Prerequisites: Biology 101 and 102, or permission of instructor
Transferability: UBC, SFU, UVic

An introduction to the principles and mechanisms of heredity. Emphasis will be placed on an analytical approach to classical genetics, molecular genetics, and the applications of genetics to man and to populations.

Biology 230:
Vertebrate Biology *4 credits*

Prerequisites: Biology 101 and 102, or permission of instructor
Transferability: UBC, SFU, UVic

A continuation of the study begun in Biology 102 of the comparative structure, function and evolution of vertebrates. Evolutionary trends in organ systems, the relationships of vertebrates to their environments, and problems of contemporary interest in vertebrate biology will be stressed.

Biology 240:
Comparative Invertebrate Biology *4 credits*

Prerequisites: Biology 101 and 102 or permission of instructor
Transferability: UBC, SFU, UVic

An introduction to invertebrate evolution and diversity through a comparative study of invertebrate structure and function. Labs will emphasize local invertebrate diversity. The course will include local field trips and a weekend trip to Botanical Beach, Vancouver Island.

Faculty

Robert Camfield, B.Sc, (Monash U.), Ph.D. (UBC)
Barbara Moon, B.Sc., Ph.D. (Cond.) (UBC)
Henry Speer, B.A. (San Francisco State), M.A., Ph.D. (Princeton)
Staff
Alan Martin, B.Sc. (UBC)
Leslie Wood, B.Sc. (SFU)



Chemistry

All known matter in the universe, whether living or not, is composed of atoms and molecules. The study of atoms and molecules is central to the subject of chemistry. Some knowledge of chemistry is vital to an understanding of the world around us.

Chemistry's study is extended to an analysis of the atoms and molecules in the whole vista of elements and compounds. The arrangement of electrons in elements and compounds enables chemists to explain their chemical bonding, chemical structure, and their properties.

A knowledge of the properties of chemical bonds allows us to predict and explain when a chemical reaction will occur. We can determine how fast the reaction will proceed, predict the products and determine the amounts obtained.

Much of what is happening around us involves chemistry — the pollution of our waters, the harmful effects of smog and unburned hydrocarbons, the effect of aerosol propellants on the ozone layer, food additives, atomic and nuclear energy, molecular biology, etc. Not all the aspects are necessarily harmful if understood and controlled. Who would not be fascinated by such a subject?

Note: For courses numbered below 100, see Developmental Studies section of the calendar: College Preparatory Programs.

Chemistry 100:
Everday Chemistry *4 credits*
Prerequisites: none
Transferability: UBC, SFU, UVic

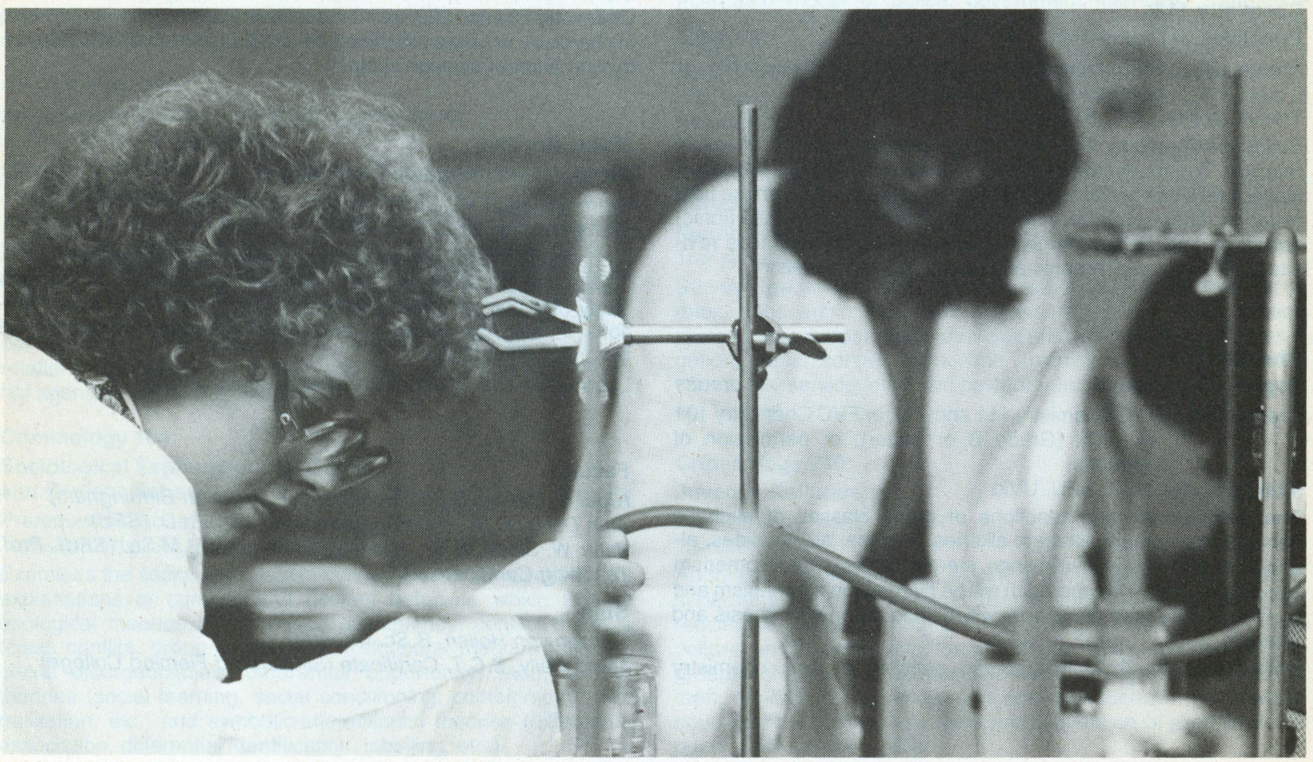
This is a laboratory-oriented course in chemistry aimed particularly at non-science students. It will satisfy part of the science requirements for a B.A. degree. The course is specifically concerned with the relationship between chemistry and everyday life. Fundamental lab techniques are taught as well as such topics as air pollution, water pollution, soil chemistry, the mining industry, cosmetics, polymers and plastics, drugs, dyes, medicine, alcoholic beverages, and biochemistry. This course may not be used for credit by science or engineering majors.

Chemistry 101:
General Chemistry I *4 credits*
Prerequisites: Chemistry 11 and Math 11, or Math 11 (Grade B or better), or Math 12, or permission of instructor
Transferability: UBC, SFU, UVic

A review of mathematics, the classification of matter, atomic theory, elements and compounds, chemical equations and calculations.

A study of the electronic structure of atoms and molecules is then related to the Periodic Table of Elements and to chemical bonding and molecular shapes. These theories are then applied to the states of matter (gases, liquids, solids and solutions).

With Chemistry 102, this course will satisfy first-year science requirements for students pursuing careers in non-science or non-engineering areas (e.g., agriculture, home economics, teacher education, pre-medical). Prospective science or engineering students lacking the prerequisites for Chemistry 111 should take Chemistry 101 (and, possibly, Chemistry 102).



Chemistry 102:
General Chemistry II *4 credits*

Prerequisites: Chemistry 101, or permission of instructor
Transferability: UBC, SFU, UVic

Builds on Chemistry 101 specifically considering the chemical reaction. Topics include thermodynamics (prediction of whether a reaction will occur), kinetics (how fast), equilibrium (the final state), oxidation-reduction, and electrochemistry.

Acids and bases are studied together with their equilibria aspects, organic chemistry is described, and the Periodic Table re-introduced together with some selected inorganic chemistry.

Chemistry 111:
Principles of Chemistry I *4 credits*

Prerequisites: Chemistry 11 and/or 12 plus Math 12, or FVC Chemistry 101 plus Math 12, or permission of instructor. Students without Chemistry 12 must consult the instructor.
Transferability: UBC, SFU, UVic

A review of the atom and stoichiometry and a study of the electronic structure of atoms and molecules related to the Periodic Classification of the Elements, to chemical bonding and to oxidation-reduction. These theories are applied to the states of matter (solids, gases, liquids and solutions).

With Chemistry 112, this course will satisfy requirements for students wishing to pursue an honors or majors program in science or engineering.

Chemistry 112:
Principles of Chemistry II *4 credits*

Prerequisites: FVC Chemistry 111, Math 111 and Physics 101, or permission of instructor
Transferability: UBC, SFU, UVic

Builds on Chemistry 111, focussing specifically on the chemical reaction. Thermodynamics predicts whether a reaction will occur, kinetics tells us how fast, equilibrium gives information on the final situation. These topics are studied together with acid-base (ionic) equilibria, and electrochemistry, while the Periodic Table is revisited with inorganic, organic and contemporary chemistry.

Chemistry 211:
Organic Chemistry I *4 credits*

Prerequisites: FVC Chemistry 111 and 112, or FVC Chemistry 101 and 102 (Grade B or better), or permission of instructor
Transferability: UBC, SFU, UVic

The preparations and reactions of many classes of aliphatic compounds, namely alkanes, alkenes, alkynes, alkyl halides, alcohols and ethers. Alicyclic rings, stereochemistry and isomerism are also studied. The approach will be by reaction mechanism and synthesis. The laboratory work will include organic synthesis and analysis.

With Chemistry 212, this course satisfies organic chemistry requirements for students pursuing careers in chemistry, biology, biochemistry, home economics, forestry, pre-medicine and pharmaceutical science.

Chemistry 212:
Organic Chemistry II *4 credits*

Prerequisites: Chemistry 211, or permission of instructor
Transferability: UBC, SFU, UVic

A continuation of Chemistry 211 with a study of further aliphatic compounds, namely carboxylic acids and their derivatives, aldehydes, ketones and amines, with the extension to amino acids, peptides, proteins and carbohydrates, and the citric acid cycle. Aromatic compounds, their preparation and reactions, and the sub-group of heterocyclic compounds are also studied. Spectroscopy is described particularly in connection with laboratory work which continues in synthesis and analysis.

Chemistry 221:
Physical and Inorganic Chemistry I *4 credits*

Prerequisites: FVC Chemistry 111 and 112, or FVC Chemistry 101 and 102 (Grade B or better), or permission of instructor
Transferability: UBC, SFU, UVic.

Fundamental aspects of chemical thermodynamics are considered and applied to equilibria involving pure substances, mixtures and reactions. Various aspects of ions in solution, and the theory and practice of reaction kinetics complete the semester. Laboratory work focusses on analytical techniques, and on the physical chemistry covered in the lectures.

Chemistry 221 and 222 are intended for students who wish to major in chemistry or take a combined honors program involving chemistry and another science subject.

Chemistry 222:
Physical and Inorganic Chemistry II *4 credits*

Prerequisites: FVC Chemistry 221, or permission of instructor
Transferability: UBC, SFU, UVic.

A continuation of Chemistry 221 emphasizing inorganic chemistry. Topics include symmetry and shapes of molecules, an in-depth study of transition metal chemistry, main group chemistry, reactions in solution, catalysis and transition metal complexes of biological importance.

Laboratory work is directly related to subject matter.

Faculty

Nigel S. Dance, B.Sc. (Hons), Ph.D. (Aston in Birmingham)
Alan Davis, B.Sc. (Hons)(London), M.SC., Ph.D. (SFU)
Peter W. Slade, B.Sc. (Hons)(Southampton), M.Sc. (SFU), Prof. Teaching Certificate (B.C.)

Staff

Gordon von Hollen, B.Sc. (Alberta)
Moira Kelly, S.C.T. Certificate (Sir Sanford Fleming College)

Criminology

The criminology curriculum offers you an opportunity to transfer to university as a third-year student majoring in criminology. You may complete the lower levels (normally the first 60 credit hours) for the general degree requirements in criminology at SFU while attending Fraser Valley College.

The course helps you understand the problems of detecting the law breaker, custody and treatment of the convicted offender, and explaining crime and criminal behavior.

Criminology 100:
Introduction to Criminology *3 credits*

Prerequisites: none
Transferability: SFU

Examines criminology as science and as a profession. The structure, content, theory and practical application of the discipline are investigated as well as some of its terminology (e.g. *crime, delinquency, deviance, criminal, victim, rehabilitation and treatment*). The historical evolution of criminological thought is addressed.

Criminology 101:
Introduction to Corrections *3 credits*

Prerequisites: none
Transferability: SFU

An historical review of comparative correctional systems and the current theory and practice of Canadian correctional institutions. Topics covered will include the incarceration process, probation, parole, community-based correctional systems, rehabilitation in institutional settings, prison uprising, the "therapeutic community", pre-release programs, resident centres, half-way houses, after-care and future trends in Canadian corrections.

Criminology 103:
Introduction to the Criminal Justice System: A Total Systems Approach *4 credits*

Prerequisites: none
Transferability: SFU

An analysis of the operational practices of the criminal justice system. The course follows the offender from the moment of initial police involvement to the correctional disposition of convicted offenders. The use of discretion and the patterns of decisions and practices within the criminal justice system, the relationships between the components of the criminal justice system, and the relationship between this system and community and other external agencies are also examined.

Criminology 104:
Sociological Explanations of Criminal and Deviant Behavior *3 credits*

Prerequisites: none
Transferability: SFU

Examines the sociological, socio-cultural and socio-psychological explanations of criminal and deviant behavior, which include ecological theories of crime and delinquency, conflict theories (class conflict, group conflict, etc.), structural theories (anomic, social disorganization, differential opportunity, etc.), control theories (social learning, social conditioning, containment, neutralization, etc.) and symbolic-interactionist theories (differential association, differential identification, labelling, etc.).

Criminology 105:
Psychological Explanations of Criminal and Deviant Behavior *3 credits*

Prerequisites: none
Transferability: SFU

Investigates the psychological and psychoanalytical explanations of criminal and deviant behavior advanced by such thinkers as Freud, Adler, Alexander, Staub, Aichhorn, Friedlander, Redl, Melanie, Lkein, M Bowlby, De Grieff, Eysenk, Dollard, Glover, Mailloux, Pinatel and Corimier.

Criminology 109-3:
The Administration of Justice

Prerequisites: none
Transferability: TBA

The development of laws and their application to citizens and social groups. Special consideration will be given to civil liberties.

Criminology 112:
Introduction to Crime Prevention *3 credits*

Prerequisites: none
Transferability: to be announced

This course is designed to provide practical knowledge to those persons who are, or will be, employed in the justice system; or those persons who are interested in improving the quality of life in our communities through the reduction of crime. A number of different concepts of crime prevention will be examined. An integrated model of police, government agencies, community agencies and citizen participation will be developed. Recent research into the effectiveness of various approaches to crime control will be explored. Governmental agency approaches to crime prevention will be analysed in relation to societal changes in this century.

Criminology 151:
Introduction to Law Enforcement *3 credits*

Prerequisites: none
Transferability: SFU

Surveys law enforcement agencies and their philosophies, social roles, roles within the justice system and public image. Police systems are compared and their specific functions (patrol, investigation, traffic control, work with juveniles, crisis intervention, community service, etc.) and powers (arrest, search and seizure) are studied.

Criminology 210:
Juvenile Delinquency *3 credits*

Prerequisites: none
Transferability: SFU

Addresses the nature and extent of juvenile delinquency as a separate entity in the criminal justice system. Among the issues relating to juvenile delinquency that will be investigated are its cultural and social setting; the role of the family, school and peer group in shaping and reinforcing delinquency; gang delinquency; theft; vandalism; vagrancy; and sex delinquency. The juvenile court and the control, treatment and prevention of juvenile delinquency will also be studied.

Criminology 230:
Criminal Law *3 credits*

Prerequisites: none
Transferability: SFU

Investigates the nature, purpose, scope, sources and basic principles of criminal law within its historical and contemporary contexts. The evolution of such legal concepts as guilt, criminal responsibility, due process of law is also studied. Current policy and legislation (e.g. the legislative policy inherent in the Criminal Code, the specific offences and categories in the Criminal Code, the Juvenile Delinquent Act (Canada), the Protection of Children Act (B.C.), the control and treatment of drug addicts, dangerous sexual offenders, habitual criminals, mentally ill offenders), are examined in detail.

Faculty

Darryl Plecas, B.A. M.A. (SFU), R.S.W. (B.C.)
Timothy Segger, B.A. M.A. (U. of Victoria)
William Zarchikoff, B.A. (Hons.), M.A. (SFU), R.S.W. (B.C.)

Economics

The study of economics is based on the assumption that human wants are limitless, while the resources to satisfy these wants are scarce.

It is obvious that when there are more wants than can be satisfied with available resources, choices have to be made. Economics, then, is the study of how these choices are made and, perhaps more importantly, the impact of these choices.

Who makes these choices? Households do, in their roles as consumers, employees and investors. Businesses do, in their roles as employers and producers.

Sometimes wants are expressed which cannot be satisfied in the marketplace, and then the government is charged with satisfying these wants. Wants sometimes conflict, and then the government may serve as an arbiter.

Conflicts could include disputes about a just distribution of income, about adequate protection for consumers without putting undue constraints upon producers, about good working conditions for employees versus management rights.

Economists try to discover how these conflicts can be resolved with an attempt at value-free assessment of various possible alternatives in terms of the cost and benefits to the conflicting parties.

Economics 100:
Introduction to Labor Economics and Labor Relations *3 credits*

Prerequisites: none
Transferability: UBC, SFU, UVic

Uses current Canadian topics in labor economics and labor relations to introduce you to the basic principles of supply and demand. Such specialized topics as unemployment, manpower policy, education, poverty and discrimination are studied. The theories of imperfect competition are used to examine collective bargaining. In labor relations, issues such as the role of government in labor relations, the history of trade unionism in Canada, contract administration, conflict and its resolution (i.e., the strike, boycotts, work-to-rule, etc.), grievances and arbitration are studied and discussed.

Economics 110:
The Canadian Economy *3 credits*

Prerequisites: none
Transferability: UBC, SFU, UVic

A basic introduction to the economic theories used to analyze fiscal and monetary policy, and international trade. We study the structure and evolution of various institutions in the economy, and the role of government in facilitating growth and redistributing income. Contemporary topics discussed include the banking system, poverty, the structure of industry in Canada, government competition policy, environmental and resource issues, inflation and unemployment.

Economics 201:
Principles of Microeconomics *3 credits*

Prerequisites: Economics 100 or Economics 110 or permission of instructor
Transferability: UBC, SFU, UVic

Microeconomics, or 'price theory' as it is sometimes called, is concerned with the economic activities of individual economic units such as consumers, resource owners and business firms. It is concerned with the composition, pricing and flow of goods and services from business firms to consumers. It is concerned, too, with the flow of productive resources, for example, from resource owners to business firms, and with their evaluation and allocation among alternative uses. Economic models assuming perfect and imperfect competition are compared. The effect of government policy on the distribution of goods and services is analyzed. Special consideration is given to the application of microeconomic theory to agricultural problems, trade unions and collective bargaining, poverty and discrimination.

Economics 202:
Principles of Macroeconomics *3 credits*

Prerequisites: Economics 100 or Economics 110 or permission or instructor
Transferability: UBC, SFU, UVic

An introduction to macroeconomics, which deals with the analysis of an economic system in the aggregate. More specifically, we examine questions like: (a) how a nation's income is determined; (b) how the national income is distributed between consumption, investment and government spending; and (c) how macro-variables such as interest rates, price levels, inflation rates, employment levels and exchange rates are established. In answering these questions, you apply theoretical tools and concepts to major policy issues facing a contemporary developed economy. At the same time, you learn the limitations of these theoretical tools and concepts. Models to analyze the effects of government fiscal and monetary policy are systematically developed. Topics affecting Canada today, such as inflation, unemployment, growth, trade and the banking system, are also discussed.

Faculty

Diane MacLean, B.A., M.A. (SFU)

English

"I don't see how the study of language and literature can be separated from the question of free speech . . . You're not free to move unless you've learned to walk, and not free to play the piano unless you practise. Nobody is capable of free speech unless he knows how to use language, and such knowledge is not a gift: it has to be learned and worked at."

(Northrop Frye, The Educated Imagination)

English courses at Fraser Valley College are designed to give you a great deal of practice in writing, reading and speaking the language. English 100 aims to improve your clarity of thought and expression, and to increase the speed and accuracy with which you write and comprehend prose. All the other courses present imaginative literature (poetry, fiction, drama) with a threefold objective: to learn something about reading literature with an eye as sensitive to underlying themes and structures as it is to the richness of surface detail; to learn something about talking about literature in genuinely critical and constructive ways; and to learn something about writing about literature clearly and with critical insight.

There are no prerequisites for entry to first-year English courses, but you should make arrangements to take the English Placement Test to guide you in your choice of a first English course.

Students who are uncertain of their skills should take English 100 first.

Students who feel confident that they do not need English 100 would be wise to begin with English 110, 140 or 150.

Education students should take two 100 level English courses, one of which should be English 100. Second-year students take two courses from English 201, 202, 211, 212, 220 or 230. English majors should consider English 201 and 202 as basic to their continuing studies. Two 100 level courses are prerequisites for any 200 level course. Any exceptions must be by permission of the English Department. Not all the courses listed below will be offered in any given semester.

Note: For courses numbered below 100, see Developmental Studies section of the calendar: College Preparatory Programs.

English 100:
The Reading and Writing of Prose *3 credits*

Prerequisites: none
Transferability: UBC, SFU, UVic

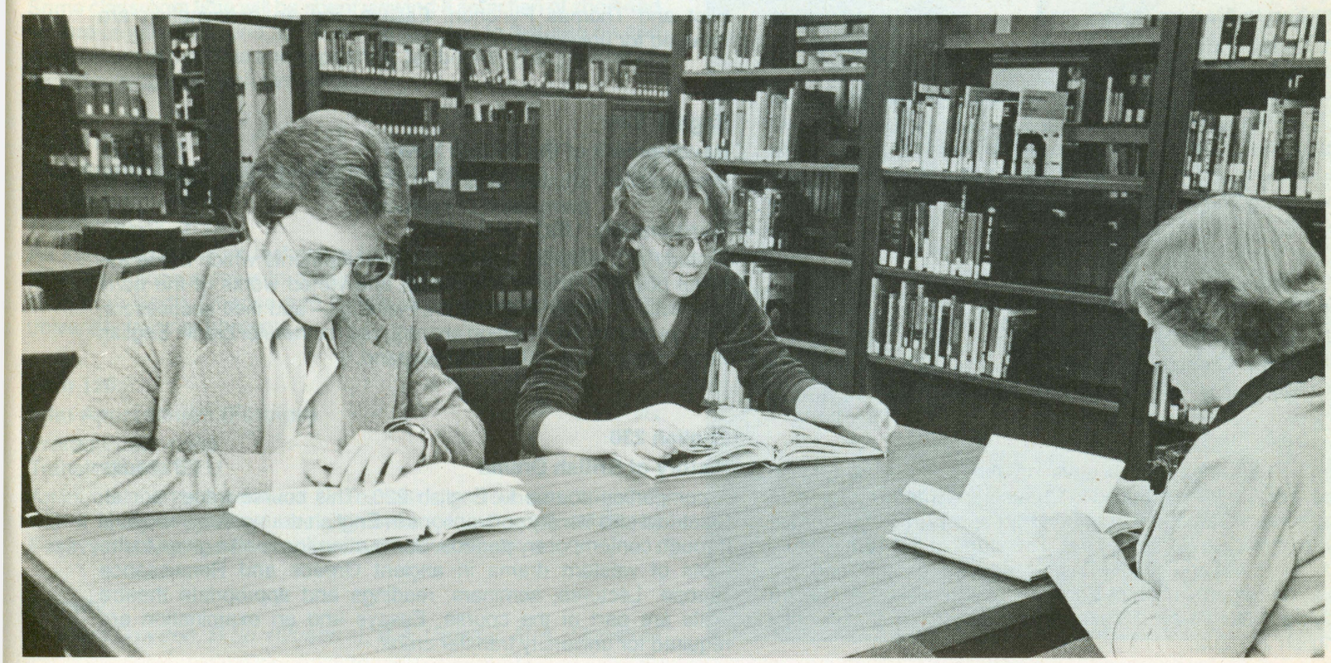
A workshop for students who want to improve their ability to read and write non-fiction prose. Selected readings from an essay anthology will help you to concentrate on the principles and practice of writing clear and effective sentences, paragraphs and essays. Students who are not fully confident of their essay-writing ability are strongly advised to take this course before they embark on other college courses which require essays. Essays and/or an examination are required for university transfer credit.

English 110:
Introduction to Poetry and the Short Story *3 credits*

Prerequisites: none
Transferability: UBC, SFU, UVic

An exploration of selected 20th century poetry and short stories in the spirit of Francis Bacon: "Reading maketh a full man; conference a ready man; and writing an exact man." You will be encouraged to read stories and poems carefully and to discuss them articulately. University transfer students write a series of essays on literary topics, and examinations may be required.

Students taking English 110 should not plan to take English 150 for credit.



English 120:
Introduction to Longer Fiction *3 credits*
Prerequisites: none
Transferability: UBC, SFU, UVic
A study of some main themes and techniques in the modern short story, novella, and novel, to encourage you to read these literary forms attentively and discuss them articulately in the classroom. Essays on literary topics are written by university transfer students, and examinations may be required.

English 130:
Drama *3 credits*
Prerequisites: none
Transferability: UBC, SFU, UVic
To help you develop an understanding of and enthusiasm for the theatre, different kinds of modern plays are read, seen where possible, and discussed. Essays and an examination are required for university transfer credit.

English 140:
Introduction to Modern Canadian Literature *3 credits*
Prerequisites: none
Transferability: UBC, SFU, UVic
Twentieth century prose, poetry and drama are studied to encourage you to read the texts closely, discuss them articulately in the classroom and identify major themes and styles. Essays are required from university transfer students, and examinations may be given.

English 150:
Introduction to Modern Poetry *3 credits*
Prerequisites: none
Transferability: UBC, SFU, UVic
An introduction to the fundamental concepts and techniques of poetry, focusing on the works of twentieth-century poets. You will be encouraged to read poetry sensitively, to listen appreciatively to the poetic voice, and to write about the works analytically.
Students taking English 150 should not plan to take English 110 for credit.

English 201:
English Literature 14th-18th Century Major Authors: Chaucer to Pope *3 credits*
Prerequisites: any two of English 100, 110, 120, 130, 140, 150 or permission of instructor
Transferability: UBC, SFU, UVic
Lectures, discussions and essays on the classics of English literature. You will be introduced to Chaucer's *Canterbury Tales,* to Shakespearean drama, and to other 16th and 17th century prose and verse, including *Paradise Lost.* The study of the 18th century focuses on Pope and Swift. Essays and an examination are required. Your appreciation of English literature will be enhanced by studying History 109/110 either previously to or concurrently with English 201/202.

English 202:
English Literature 18th-20th Century Major Authors: Blake to Yeats *3 credits*
Prerequisites: any two of English 100, 110, 120, 130, 140, 150 or permission of instructor
Transferability: UBC, SFU, UVic
You will see the beginning of the rebellion against reason; study Blake, the romantic poets, and the work of the great Victorians; and move on to the literary innovators of the 20th Century, such as Shaw, Yeats and Joyce. Essays and an examination are required.

English 211:
Introduction to American Literature 1650-1860 *3 credits*
Prerequisites: any two of English 100, 110, 120, 130, 140, 150 or permission of instructor
Transferability: UBC, SFU, UVic
A survey of major American authors and literary traditions of the first two centuries. Works by writers such as Melville, Thoreau and Whitman are studied in light of an emerging national identity. Essays and an examination are required for university transfer credit.

English 212:
Introduction to American Literature 1870-1970 *3 credits*
Prerequisites: any two of English 100, 110, 120, 130, 140, 150 or permission of instructor
Transferability: UBC, SFU, UVic
Major American authors and literary trends of the past century are surveyed. The course begins with studies of works by figures such as Twain and Dickinson and includes modern and post-modern writers like Ernest Hemingway, Hart Crane, Scott Fitzgerald, T. S. Eliot and Thomas Pynchon. Essays and an examination are required for university transfer credit.

English 220:
Development of the British Novel *3 credits*
Prerequisites: any two of English 100, 110, 120, 130, 140, 150 or permission of instructor
Transferability: UBC, SFU, UVic
A study of the social and literary developments which made the novel possible, and of the robust and varied works of the early novelists — Defoe, Richardson, Fielding — and their successors. Essays and an examination are required for transfer credit. English 220 is occasionally offered in England.

English 230:
History of British Drama *3 credits*
A companion course to English 220. This course traces social, theatrical and literary conventions in English drama from medieval through contemporary periods. Some attention is also given to the roots of western drama in ancient Greece and Renaissance Europe. Lectures, seminars, readings and appropriate theatre visits are part of the course. Essays and an examination are required for university transfer credit.

English 227:
European Literature in Translation, 1750-1940 *3 credits*

Prerequisites: any two of English 100, 110, 120, 130, 140, 150
Transferability: UBC, SFU, UVic

This course broadens the students' awareness of literary developments in Europe between the 18th and 20th centuries. With this background, students can begin to compare English with other national literatures. The readings should also help to clarify the nature of continental influences on English authors and literary movements.

Faculty

David Allen, B.A. (Hons.), M.A. (SFU), Ph.D. (Queen's)
Virginia Cooke, B.A. (Hons.) (Oregon), M.A. (SFU), Ph.D. (Queen's)
Jocelyn Creigh, M.A., Diploma Ed. (Victoria, N.Z.), Ph.D. (Birmingham, U.K.)
Graham Dowden, B.Sc. (Queen's), B.A. (Bristol), M.A. (Queen's)
G. Arthur Ross, B.A. (UBC), M.A. (U of Alberta)

Film

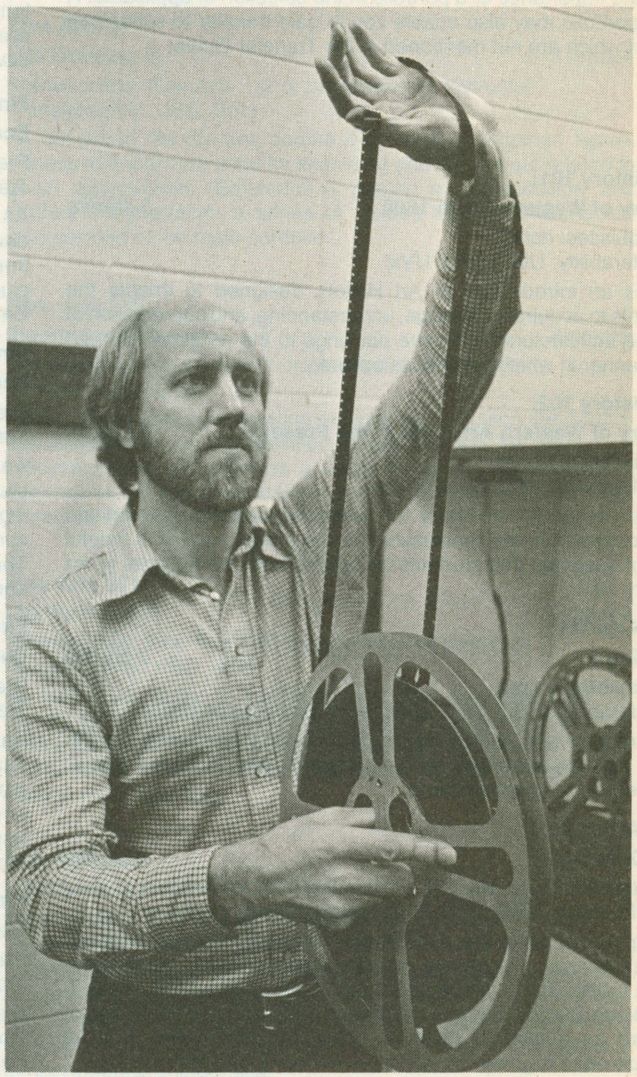
"The cinema is capable of stirring the spectator as perhaps no other art. But as no other art, it is also capable of stupefying him." (Luis Bunuel)

Anything will stupefy you if you submit to it passively.

The academic study of cinema is based on the idea that if you are going to be stirred you need to make an active response, and that responding to movies, like all creative activities, improves with practice.

Film 110 and 120 are courses in film appreciation, not film production. The object is to discover not how to make movies but how to experience them as richly as possible by studying theme, technique, theory, tradition, and so on.

Some classroom time will be spent viewing a selection of short and feature-length films, and some will be devoted to lectures on and discussions of the films and supporting textbooks. There will be an opportunity to see each film twice.



Film 110:
Film Appreciation (North America and Britain) *3 credits*

Prerequisites: none
Transferability: SFU

An introduction to film technique (camera, sound, lighting, montage, etc.) concurrent with a study of selected short and feature films from North America and Britain. Essays are required from university transfer students.

Film 120:
Film Appreciation (Foreign) *3 credits*

Prerequisites: none
Transferability: SFU

An introduction to theories of film esthetics and criticism, together with a study of selected foreign movies (with English subtitles.) Essays are required from university transfer students.

Faculty

Graham Dowden, B.Sc. (Queen's), B.A. (Bristol), M.A. (Queen's)

Fine Arts

The Fine Arts curriculum reflects the belief that the visual arts, no less than the liberal arts, lead to an understanding of oneself, one's culture and the world. Courses in art history enable students not only to understand how artists interpret their own views of the world to us, but how they help us in understanding their contemporaries and the cognate arts of their times. The history of art, tracing the origin and development of 20th Century art, also helps us to comprehend better — and perhaps to practise better — the arts of our own time.

Many courses offered in Fine Arts are transferable to the universities of British Columbia but students intending to seek entry to a Bachelor of Fine Arts program should consult the Transfer Guide, a counsellor and Fine Arts faculty for help in course planning. Requirements and transfer arrangements differ considerably from university to university.

Students wishing to proceed to a B.F.A. program should bear in mind the importance of a portfolio in the selection of applicants. A good portfolio may also enable you to gain transfer to schools of fine art which are not mentioned in the Transfer Guide.

Art History 101:
History of Western Art to 1600 *3 credits*

Prerequisites: none
Transferability: UBC, SFU, UVic

This is an introduction to Art History designed to enable the students to acquire knowledge, understanding, and appreciation of art and architecture from cave paintings to the renaissance, and the manner in which art reflects culture.

Art History 102:
History of Western Art, 1600 to the Present *3 credits*

Prerequisites: none
Transferability: UBC, SFU, UVic

This is a sequel to Art History 101, and continues to explore art and architecture from the renaissance to the modern era. It is helpful but not essential that students be familiar with the material in Art History 101.

Fine Arts 111:
Drawing I *3 credits*

Prerequisites: none
Transferability: UBC, SFU, UVic; determined by portfolio

An introduction to all drawing media. The course includes still-life, basic human anatomy, portrait, draped and undraped figure, perspective, and composition.

Fine Arts 112:
Life Drawing II *3 credits*

Prerequisites: Fine Arts 111, or permission of instructor
Transferability: UBC, SFU, UVic; determined by portfolio

An opportunity for further experience in all media, both dry and wet, as well as color, the course includes object drawing, life drawing and a further study of human anatomy, skeleton and muscles. A continuing study is made of the draped and undraped figure and of gesture as related to emotion, character and theme. Special consideration is given to instinctive rendering and interpretation.

Fine Arts 121:
Painting I *3 credits*

Prerequisites: none
Transferability: UBC, SFU, UVic; determined by portfolio

An introduction to painting in all common media — pastels, watercolors, acrylic paints and oil paint — on various grounds such as board, paper and canvas. Color scale, tones, light, materials, and pictorial composition are the main elements of the course.

Fine Arts 122:
Painting II *3 credits*

Prerequisites: Fine Arts 121, or permission of instructor
Transferability: UBC, SFU, UVic; determined by portfolio

An opportunity to investigate aspects of classical and modern oil painting, watercolors and termpera painting as well as the imaginative use of new materials. An advanced study of light and tones, emotional influences, color, perspective, figure and landscapes in pictorial composition are included in the course. You will develop your own mode of visual expression.

Fine Arts 131:
Sculpture I *3 credits*

Prerequisites: none
Transferability: UBC, SFU, UVic; determined by portfolio

An introduction to plastic and structural sculpture, designed to develop three-dimensional perception and creative ideas into three-dimensional forms i.e. mass and volume. The course includes practical exercises in clay and other plastic materials. Emphasis is on modelling the human figure.

Fine Arts 132:
Sculpture II *3 credits*

Prerequisites: Fine Arts 131, or permission of instructor
Transferability: UBC, SFU, UVic; determined by portfolio

An opportunity for further modelling and for the investigation of classical and contemporary principles and techniques. A continuing study of human anatomy, movement and three-dimensional composition is made as related to materials like stone and wood. The course also includes carved forms. The emphasis is on design and interpretation.

Fine Arts 141:
Ceramics I *3 credits*

Prerequisites: none
Transferability: UBC, SFU, UVic; determined by portfolio

Basic handbuilding techniques, pinch, coil, slab and combinations. Introduction to clay, its origins and chemistry. Lectures on clay types and clay bodies. Drying and firing of clays. Use of engobes, underglaze colours, slips and oxides. Glaze theory, and application. Introduction to throwing on the wheel. Firing techniques. Slides: contemporary and historical pottery.

Fine Arts 142:
Ceramics II *3 credits*

Prerequisites: Fine Arts 141, or permission of instructor
Transferability: UBC, SFU, UVic; determined by portfolio

Further instruction in basic ceramic processes, handbuilding and wheelwork. Mixing of various clay bodies and glazes. Surface treatment and glazing techniques. Loading and firing of electric

kilns both glaze and bisque. Raku: mixing of clay and glazes, 'raku' firing techniques and procedures. Slides: contemporary and historical pottery.

Fine Arts 151:
Graphics & Printmaking I *3 credits*
Prerequisites: none
Transferability: UBC, SFU, UVic; determined by portfolio
An introduction to printmaking techniques: stencil, relief, intaglio and planographic. The course includes study and use of equipment, materials and tools. Demonstration of printmaking methods during which history of graphic arts will be conducted. Basic training on the graphic image making monoprinting, dry point, engraving, wood and lino cut, embossing and collage (collagraph) will be conducted. It is, as well, an introduction to many-colour printmaking and edition.

Fine Arts 152:
Graphics & Printmaking II *3 credits*
Prerequisites: Fine Arts 151, or permission of instructor
Transferability: UBC, SFU, UVic; determined by portfolio
An opportunity for further training in printmaking media with emphasis on graphic concept and design, chemistry and press operations. The major emphasis is on intaglio techniques, etching, aquatint, deep etch and combined process as well as many-colour printing. Chemistry of the inks and papers, as well as the presentation are included.

Fine Arts 161:
Design I *3 credits*
Prerequisites: none
Transferability: UBC, SFU, UVic; determined by portfolio
An introduction to the historical principles of design with an emphasis on the Bauhaus curriculum and its application.

Fine Arts 162:
Design II *3 credits*
Prerequisites: Fine Arts 161, or permission of instructor
Transferability: UBC, SFU, UVic; determined by portfolio
An opportunity for further study with Bauhaus synthesis of applied design and interpretation. Advanced instruction is given in techniques using elements like balance, harmony, color, space and form. Focuses on visual application.

Art History 201:
History of 19th Century Art *3 credits*
Prerequisites: Art History 102, or permission of instructor
Transferability: UBC, SFU, UVic
This course focuses on major movements in art and architecture from the Romanticism and Neoclassicism of the early 1800s to the later Impressionism and Expressionism of Monet and Van Gogh.

Art History 202:
History of 20th Century Art *3 credits*
Prerequisites: Art History 102, or permission of instructor
Transferability: UBC, SFU, UVic
This course focuses on the visual arts of the 20th Century as they develop in Europe and North America. It concentrates on the numerous and complex movements and counter-movements that give modern art its particular character and texture.

Fine Arts 203:
Art Appreciation I *3 credits*
Prerequisites: none
Transferability: UBC (in negotiation)
An introductory course in the appreciation of western art. Exploration of concepts in art, with attention to the reasons for studying art, the nature of a work of art, and the formation of style, technique, patronage, econography, and method in the development of art.

Fine Arts 204:
Art Appreciation II — Introduction to Contemporary Art *3 credits*
Prerequisites: none
Transferability: UBC (in negotiation)
A continuation of Art Appreciation 203, but focusing on the rapidly-changing twentieth-century art forms, including the development of various media.

Fine Arts 211:
Life Drawing III *3 credits*
Prerequisites: Fine Arts 112 or permission of instructor
Transferability: UBC, SFU
An advanced life drawing course of portrait and human figure. Various materials are used for sketching and studies are related to given assignments. Emphasis is placed on composition and student interpretation. A series of studies and 'free' works are incorporated in the main portfolio.

Fine Arts 212:
Illustrative Drawing *3 credits*
Prerequisites: Fine Arts 211 or permission of instructor
Transferability: UVic
An advanced course in drawing techniques, including the illustrative element in the composition. Emphasis will be placed on reflections and 'the artist as a visual reporter'. Movement and expression, concept and identity in a series of studies are the major elements enriching the main portfolio.

Fine Arts 221:
Life Painting III *3 credits*
Prerequisites: Fine Arts 122 or permission of instructor
Transferability: UBC, SFU
An advanced study of traditional and new materials used on still-life, landscape, portrait and figure. Major emphasis on pictorial composition, concept and interpretation with watercolors, acrylic and oil paints. Included is the introduction to decorative techniques used in mural painting.

Fine Arts 222:
Life Painting IV *3 credits*
Prerequisites: Fine Arts 221 or permission of instructor
Transferability: UBC, SFU, UVic
An advanced study of contemporary pictorial composition involving colour sketches and studies to enhance dimension and interpretation. Emphasis is placed on coloristic value, concept and painting techniques, used to express one's own aesthetic and personal temperamental uniqueness.

Fine Arts 231:
Sculpture III *3 credits*

Prerequisites: Fine Arts 132, or permission of instructor
Transferability: UBC, SFU, UVic

Sculptural composition and its relationship to architecture and environment. Molding techniques, sculptural casting in concrete and metals are included. Emphasis on modelling human figures.

Fine Arts 232:
Sculpture IV *3 credits*

Prerequisites: Fine Arts 231, or permission of instructor
Transferability: UBC, SFU, UVic

An exploration of advanced sculptural problems. The stress will be on the concept, interaction and interchangeability of mass and space, on personal expression, and on imaginative composition, adaptation to the particular material, and the method of using it. Modelling of human figure.

Fine Arts 241
Sculptural Ceramics III *3 credits*

Prerequisites: Fine Arts 142 or permission of instructor
Transferability: UBC, SFU

Continued instruction in ceramic processes, wheelwork and hand-building, and combinations of both. More advanced glaze theory and glaze mixing. Students will be expected to mix clays and glazes, and to load and fire all kilns. Students will be encouraged to develop a personal style in their work and will work on individual projects.

Fine Arts 242:
Ceramics IV *3 credits*

Prerequisites: Fine Arts 241, or permission of instructor
Transferability: UVic

An advanced course in ceramic processes. Wheelwork, hand-building, and combinations of both. Continued experimentation with various glazes and surface treatments. Advanced experimentation with the mixing of favious clay bodies and further study of firing techniques. Students will be working on individual projects.

Fine Arts 251:
Graphics and Printmaking Techniques III *3 credits*

Prerequisites: Fine Arts 152, 112 or 121, or permission of instructor
Transferability: UBC, SFU

A continuing advanced study of the planographic method, history, chemistry, procedures and its artistic application. The major emphasis is on stone lithography, old and new techniques, chemistry of colour printing, transfers and edition.

Fine Arts 252:
Lithography and Production *3 credits*

Prerequisites: Fine Arts 251 or permission of instructor
Transferability: UBC, UVic

An advanced study on metal (aluminum) lithography as a most contemporary graphic art procedure for artistic expression and production. Major emphasis is on hand and photo transferring methods, chemistry of the negative-positive plates, wipe-on methods, many-color registration and edition. The aim is to develop a knowledge of the most modern processes and a sensitive aesthetic awareness.

Fine Arts 281:
Three-Dimensional Design 1 *3 credits*

Prerequisites: none
Transferability: SFU, UVic

An introduction to the basic three-dimensional design concept, with emphasis on the Bauhaus curriculum and its application.

Fine Arts 282:
Three-Dimensional Design II *3 credits*

Prerequisites: none
Transferability: SFU, UVic

An advanced study of design principles in modern sculpture. Focuses on involvement in exploratory work and expression through designing and execution of several major three-dimensional structures.

Fine Arts 293:
History of Costume and Costume Design *3 credits*

Prerequisites: none
Transferability: UBC

An introduction to the practical problems of designing costumes. This course will cover the work of the designer in studying the history of the design concept, selecting fabric, meeting performers' needs and other elements. One text will be used and costumes will be designed for at least three media: a stage play, an opera, a musical or a ballet. Historical costume, dress of the near and far East and European fashion will be included.

In addition to those credits in the Transfer Guide, students may apply to the Faculty of Education at the University of British Columbia for credit in Fine Arts Education and to the Emily Carr School of Art. A decision on such an application is made by UBC and Emily Carr solely on the basis of the portfolio submitted.

Faculty

Janina Jakobow, B.A. (Peking), F.A.M. Training (Paris)
Mircho Jakobow, B.A. (Sofia), M.F.A. (Peking)
Rory Wallace, B.A. (Hons.) (SFU), M. Litt. (Edinburgh), Diploma Art History (UBC)
Lynda Gammon, B.A. (SFU)



Geography

Geography is concerned with the study of the earth as the home of humanity.

In many ways geography can be considered to be a pretentious discipline because it includes within its compass a seemingly infinite range of topics and interests.

Questions such as: "How are mountain landscapes created?"; "How have the major religions spread throughout the world?"; and "Why does the pattern of agricultural activity differ from one region to another?" appear quite diverse. Yet geography seeks to discover an underlying order and meaning in this diversity.

To this end geographers analyze elements of the physcial environment and human society in order to develop an understanding of the character of places, the nature of man/environment interactions and the spatial structure of the earth and people's activities on it.

The College offers a wide selection of courses in an attempt to reflect this diversity of interests within the discipline. Prospective students are invited to browse through "Geography: A Guide for Students", a brochure available in the Student Service offices on either campus and in each of the regional centres.

Most of the courses follow a lecture/discussion format, but where possible field activities are incorporated as integral parts of each course.

The physical geography and map interpretation courses (Geography 101, 102 and 150) have a specific laboratory requirement and as such involve you in practical demonstrations and assignments. The physical geography courses (Geography 101 and 102) also satisfy the science requirements for the Bachelor of Arts and Bachelor of Education programs of the University of British Columbia, the University of Victoria and Simon Fraser University.

Geography 101:
Weather and Climate *4 credits*

Prerequisites: none
Transferability: UBC, SFU, UVic

An introduction to the fields of meteorology and climatology. Emphasis will be placed on atmospheric processes, weather forecasting, and local climates, and on the relationships of these topics to a variety of environmental issues.

Geography 102:
Evolution of the Earth's Surface *4 credits*

Prerequisites: none
Transferability: UBC, SFU, UVic

The study of the origins and development of the earth's surface features. Emphasis will be placed on the physical processes underlying the dynamics of our changing landscape.

Note: In order to take advantage of fieldwork opportunities, the Geography Department sometimes offers Geography 101 and 102 in reverse order. Students should note, then, that Geography 102 can be taken before Geography 101.

Geography 110:
British Columbia and the Lower Fraser Valley *3 credits*

Prerequisites: none
Transferability: UBC, SFU, UVic

Using the concepts and techniques of regional geography, you will examine several topics including the historical development of settlements and political boundaries; our changing perceptions of our environment; resource extraction and other forms of current economic activity; and the growth of an urban hierarchy.

This course is available as Directed Independent Study. Inquire at Student Services or the Regional Offices.

Geography 111:
Invitation to Geography: Environment and Man *3 credits*

Prerequisites: none
Transferability: UBC, SFU, UVic

An introduction to the study of people and their physical surroundings.

The central themes of the course focus on humans as agents of environmental change, and as users of the earth's resources.

Emphasis will also be placed on an examination of the fundamental concepts, methods and techniques used to study man/environment systems.

Geography 112:
Human Geography *3 credits*

Prerequisites: none
Transferability: UBC, SFU, UVic

This course is intended to be a broad survey of human geography. You will develop a range of skills that will allow you to describe and interpret the regions, societies and landscapes which result from the interaction between humans and their environment.

Geography 130:
Geography of Canada *3 credits*

Prerequisites: none
Transferability: UBC, SFU, UVic

An introduction to the geography of Canada using the concepts and methods of regional geography to examine the Canadian experience as a set of distinct regions and a nation. Emphasis will be placed on the geographic analysis of current issues.

Geography 150:
Map and Air Photo Interpretation *4 credits*

Prerequisites: none
Transferability: UBC, SFU, UVic

Introduces you to the use of maps and air photos in the study of physical and cultural landscapes. You will explore a variety of tools and techniques used in the interpretation of topographic and other maps and remotely sensed data. Although designed for the geography student, the course material will be useful in other related disciplines.

Geography 220:
Location Analysis of Economic Activity *3 credits*

Prerequisites: none
Transferability: UBC, SFU, UVic

Introduces the basic concepts and theories of economic geography. Special attention is directed to an analysis of the location of settlement patterns, agricultural land use, resource extraction, energy development, manufacturing, retailing and other economic activities. The objective will be to examine the impact of economic decisions on the spatial organization of economic activity on the local, regional, national and global scale.

Geography 230:
Urban Issues: Problems and Prospects *3 credits*

Prerequisites: none
Transferability: UBC, SFU, UVic

Introduces you to urbanization as an historical and rapidly continuing process; the growth of functional regions and patterns of urban settlement; the dynamics of urban structure and land use; and critical problems we face as a result of past developments in the spatial, economic and social organization of cities.

Special emphasis will be directed to the emerging character of Canadian urban centres.

Geography 280:
Field Techniques in Human Geography *3 credits*

Prerequisites: Geography 110, 111, 112, 150, 220 or 230
Transferability: UBC, SFU, UVic

An intensive study course designed to acquaint you with a wide variety of tools and techniques used by geographers in field-oriented research. The course includes instruction in each of the techniques mentioned in the outline, and opportunities are provided for practical implementation in the field.

Faculty

Doug Nicol, B.A. (SFU), M.A. (UBC)
Dave Gibson, B.A. (Calif.-Santa Barbara), M.A. (Calif.-Davis)



History

History seeks to find out what human beings have done in the past. By sifting and interpreting surviving evidence, historians create accounts of earlier civilizations, institutions, economies and individuals, along with their ideas. In addition to satisfying our natural curiosity about our origins, historians have convincingly demonstrated that their investigations of the past — whether they concern the causes of war, the affairs of a fur-trading company or the grim realities of peasant life — have direct bearing on the present.

Most societies have recognized the need to train and employ historians because knowledge of the past is essential to an understanding of the present; for example, history has a vital role to play in the current debate on the reform of Canadian Confederation.

Historical studies have additional attributes of interest to you as a student. Many of the topics addressed in other disciplines have historical dimensions which, when comprehended, make for a fuller understanding of those disciplines. In terms of Fraser Valley College's offerings, one might mention the obvious compatibility in studying B.C. history along with B.C. geography, or English history in conjunction with English literature.

Of obvious concern to students are the practical applications of historical studies: what kinds of careers will be accessible to the history student? History has long been an appropriate academic preliminary to careers in law, the social services and public administration. History is also a prerequisite to careers in public school teaching, in the restoration and maintenance of Canada's historical monuments, and in the museum and archival fields. Finally, there is the career of historian, as a university or college teacher or as a researcher for various public and private agencies.

How is history studied at Fraser Valley College?

Historical understanding is achieved through the clash of differing opinions which are usually the products of historians writing in different generations according to different methods and values. It is no wonder, therefore, that your own investigation of past events may yield several different yet plausible accounts.

Fraser Valley College's history courses are designed in large part to explore these differences through lectures and seminars in European, British and North American history with a view to reaching a more complete understanding of the past realities and their relationship to your society.

Note: For courses numbered lower than 100, see Developmental Studies section of the calendar: College Preparatory Programs.

History 101:

Canada, 1760-1867: Prelude to Confederation *3 credits*

Prerequisites: none
Transferability: UBC, SFU, UVic

Examines the development of British North America from the time of the collapse of the French regime until the Confederation era. Topics covered include the British conquest, the fur trade, anglophone/francophone relations, the struggle for home rule, the rebellions of the 1830s, the economic transformation of central Canada, developments in the Pacific and Atlantic regions and the origins and nature of Confederation.

History 101, along with History 102, is basic to the advanced study of the humanities and social sciences within the Canadian context.

History 102:

Canada 1867-1967: The First Century and Beyond *3 credits*

Prerequisites: none
Transferability: UBC, SFU, UVic

Investigates the development of the Canadian nation from the time of Confederation until the recent past. Among the topics to be examined are Macdonald's national economic strategy, conflict and consensus between English and French Canada, the Riel rebellions, rise of the grain trade and political protest in the prairie provinces, the Laurier years, the impact of industrialization on Canadian society, the conscription crises, the waning of British influence and the increasing American impact on Canadian affairs, the Mackenzie King era and the Quiet Revolution in Quebec.

History 102, along with History 101, is basic to the advanced study of the humanities and social sciences within the Canadian context.

History 105:

British Columbia, 1774-1972 *3 credits*

Prerequisites: none
Transferability: UBC, SFU, UVic

The structure and content of our province's history from the time Europeans first arrived until the recent past. The following themes will be addressed: maritime and overland exploration and fur trade, colonial and gold rush society, the character and stewardship of James Douglas, confederation with Canada, the dominance of the resource-based economy, the emergence of political parties and organized labor, Vancouver as the region's metropolitan focus, the status of minorities, and a profile of Chilliwack's society and economy.

Students planning careers in British Columbia's public schools are encouraged to enroll in this and other B.C. studies courses.

History 109:

A History of the English, 1066-1688: The Emergence of a Nation-State *3 credits*

Prerequisites: none
Transferability: UBC, SFU, UVic

An examination of the issues that combined to transform England from a weak, medieval society into a strong, centralized, modern nation-state. Against the background of succeeding monarchs the constitutional, economic, military, political, religious, colonial, social and cultural themes that produced early modern England will be studied.

Your appreciation of English civilization will be enhanced by studying English literature (English 201/202) either subsequent to or concurrent with History 109/110.

History 110:

A History of the English, 1688 to the Present: Great Power Status and Beyond *3 credits*

Prerequisites: none
Transferability: UBC, SFU, UVic

An examination of the significant factors that account for the rise of modern Britain and her empire to the heights of the world's greatest power during the Victorian era and her subsequent decline in the 20th Century to the status of a second-rank nation. To this end the economic, political, social, naval and military, imperial, diplomatic and intellectual forces that explain modern Britain's experience will be considered.

Your appreciation of English civilization will be enhanced by studying English literature (English 201/202) either subsequent to or concurrent with History 109-110.

History 111:

Europe, 1890-1939: An Age of Illusion and Disillusion *3 credits*

Prerequisites: none
Transferability: UBC, SFU, UVic

An enquiry into 20th Century Europe to 1939, a Europe dominated by such revolutionary forces as technology, total war and the totalitarian regimes of Mussolini, Hitler and Stalin. Through a consideration of politics, economics, militarism, diplomacy, society and ideas, you will develop an understanding of the origins of contemporary Europe.

History 112:

Contemporary Europe, 1939 to the Present: From Ruin to Rejuvenation *3 credits*

Prerequisites: none
Transferability: UBC, SFU, UVic

Traces the recovery of Europe from the awesome destruction of World War II to the new-found prosperity and optimism of the seventies. A study of such issues as total war, cold-war rivalry, the decline of empire, the 'third world', student radicalism, the European common market and Eurocommunism will lead to an understanding of Europe's place in today's world.

History 201:

European History, 1300-1789: The Rise and Decline of the Ancien Regime *3 credits*

Prerequisites: none
Transferability: UBC, SFU, UVic

A survey of the significant economic, political, social, intellectual, cultural and religious forces that combined to transform medieval Europe into the hub of early modern western civilization. The major themes include: the Renaissance, religious revolution, economic development, trade and empire, the age of absolute monarchy, the grandeur of aristocracy and the philosophers of the Enlightenment.

History 202:

European History, 1789-1917: The Revolutionary Age *3 credits*

Prerequisites: none
Transferability: UBC, SFU, UVic

An inquiry into the significant economic, political, social, intellectual and cultural issues that, taken together, produced a revolutionary era in 19th Century Europe. Among the themes to be considered are the following: political revolt — French and Russian style, the Industrial Revolution, the emerging masses, revolutionary ideas (Marx and Darwin) and the welfare of society.

History 203:
Canada, 1867-1921 *3 credits*

Prerequisites: History 101 and either 102 or 105, or permission of instructor
Transferability: UBC, SFU, UVic

History 203 will address a variety of social, economic, political, intellectual, and diplomatic dynamics in Canada's first half-century and will presume a familiarity with the basic themes of the structure and content of post-Confederation Canadian history.

Among the historical problems to be examined are Confederation, the National Policy, regional grievances, provincial rights and continental union movements, imperial thought, religious bigotry, the economic boom, rise of organized labour, Laurier, impact of World War I, conscription, reform movements (e.g. feminism and prohibition), and the beginning of the age of Mackenzie King.

Faculty

Jack Gaston, B.A. (UVic), M.A., Ph.D. (U. of Sask.)
Robert L. Smith, B.A. (Notre Dame, Nelson), M.A. (UVic)

History 204:
Canada, 1921 — The Contemporary Period *3 credits*

Prerequisites: History 203, or 101 and either 102 or 105, or permission of instructor
Transferability: UBC, SFU, UVic

History 204 is designed to refine and intensify the students' understanding of the structure and content of Canadian history since the beginning of the era of Mackenzie King. The course will require an intensive reading and writing schedule and will focus on the following themes: the reaction following World War I; the emergence of protest in the West and in the Maritimes; Canada's vulnerability to the ravages of the great depression; the bankruptcy of official response to the depression and the advent of radical alternatives — Social Credit and the Cooperative Commonwealth Federation; conscription, social reconstruction, and continentialism in World War II; Keynesian economics and C. D. Howe; swan song of Canadian nationalism — the Diefenbaker interlude; the Quiet Revolution; and the structure and themes of Canadian historiography.

Mathematics

The study of science has been, and is, mainly a study of the order of our surroundings. Human beings are constantly striving to uncover the underlying laws which seem to govern the behavior of our environment. Rather than attempting to explain the workings of the physical world in terms of the properties of that physical world, we have developed a system of explanation in terms of abstract ideas.

Since the world of abstract ideas seems as far removed from the physical world as one can get, we have devised an ingenious way to offer an explanation that is independent of observed phenomena.

This system of abstract ideas based on observation is called science, and its language is called "mathematics".

The language of mathematics has a precise vocabulary and an orderly structure. Because of its order this language is compatible with the study of science — the very study of order. Because of its order, this language has a subtle yet powerful strength; at the same time, mathematics is beautiful and delicate.

A confused mind will see confusion in the world, whereas an orderly mind will perceive the beauty and simplicity of the order that exists in the universe. The study of mathematics is an opportunity to develop some order in your thinking processes, an opportunity to infuse some organization into your life.

Note: For courses numbered below 100, see Developmental Studies section of the calendar: College Preparatory Programs.

Math 101:
Introduction to College Math I *4 credits*

Prerequisites: Math 11, or permission of instructor
Transferability: UBC, SFU, UVic

This course, followed by Math 102, is recommended if you plan to major in a science, engineering or technology program and don't have the required grade 12 prerequisite.

This course lays the foundations for moving into the realm of calculus. The necessary algebraic skills are covered (manipulation of algebraic expressions, techniques for solving all kinds of equations, etc.). And since calculus involves working with functions, the specialized language, notation and concepts of sets, relations and functions are introduced.

Math 102:
Introduction to College Math II *4 credits*

Prerequisites: Math 101, or permission of instructor
Transferability: UBC, SFU, UVic

A continuation of Math 101, Math 102 looks specifically at logarithmic, exponential and trigonometric functions. Additional topics may include determinants, matrices, complex numbers or linear programming.

Math 103:
Finite Mathematics *3 credits*

Prerequisites: Math 11, or permission of instructor
Transferability: UBC, SFU, UVic

A collection of topics which are both interesting and useful, chosen to capture your imagination. The aim of this course is your development through the exercise of the ability to refine thought as a logical, progressive process and the development of conceptual ability from the intuitive to the very structured level of thought.

Topics covered will include matrices, linear programming, combinatorics and probability.

This course is particularly recommended to education students for the perspective on mathematics that it will help develop; and for economics and commerce students as an excellent preparation for statistics courses.

Math 104:
Introductory Statistics *4 credits*

Prerequisites: Math 11 or Math 101, or permission of instructor
Transferability: UBC, SFU, UVic

An introduction to descriptive statistics, sampling, probability, estimates, hypothesis testing, correlation and regression.

This course does not involve mathematical proofs of the theory involved (no calculus is required) but it does stress an intuitive approach to why and when the procedures can be used.

It is recommended for commerce, education and social science students, or anyone else who wishes to develop the ability to intelligently evaluate published statistical data.

Math 105:
Math for the Elementary School Teacher *3 credits*

Prerequisites: none
Transferability: UBC, SFU, UVic

It has been recognized by various study groups that if a teacher is not at ease with mathematics, those resulting fears and prejudices are communicated to the students. This course is designed to give direct experience of mathematics and to allow you to experience your own thinking ability, thereby restoring confidence in your mathematical ability. It should be stressed that Math 105 is a mathematics course aimed at developing mathematical ability and is not a course in methods of teaching. We must understand the subject before we can teach it.

Topics include: properties of natural numbers, the basis of arithmetic, other systems of enumeration, properties of fractions.

Math 111:
Calculus I *4 credits*

Prerequisites: Math 12, or permission of instructor
Transferability: UBC, SFU, UVic

The study of calculus represents a major step in your education. Mathematics previous to this subject dealt with the description of static or non-changing phenomena. During the latter part of the 17th century, Sir Isaac Newton developed a mathematical description which deals with changing phenomena. This mathematics of change is now called calculus.

Calculus I is offered to students who wish to develop their mathematical ability further. This course is a requirement for most first-year science programs.

Topics will include: an intuitive approach to limits, the derivative, derivatives of polynomials, trigonometric and inverse trigonometric functions, the application of the derivative to graphing, maximization and minimization, and related-rate problems.

Math 112:
Calculus II *4 credits*

Prerequisites: Math 111, or permission of instructor
Transferability: UBC, SFU, UVic

Calculus I was concerned with the determination of the characteristics of change of a given quantity. In Calculus II change is examined in the opposite manner: if we know the changing characteristics of a quantity, can we determine what that quantity is?

Topics will include: derivatives of exponential and logarithmic functions, the indefinite and definite integral, techniques of integration, application of the definite integral to various problems such as areas, volumes and surfaces of revolution, and infinite series.

Math 150:
Introduction to Computer Programming *4 credits*

Prerequisites: Algebra 12 or Math 101 or permission of instructor
Transferability: UBC, SFU, UVic

A practical introduction to computer use. Aspects of BASIC and FORTRAN, with emphasis on FORTRAN programming. Students wishing a more comprehensive introduction to computing should take Math 161-162.

Math 161:
Introduction to Computing *4 credits*

Prerequisites: Algebra 12/Corequisites: Math 111
Transferability: UBC, SFU, UVic

A general introduction to computing science. Topics include: algorithms, Turing machines, binary representation of symbolic information, binary arithmetic, basics of computer architecture, machine and assembly language, flowcharting and basics of structured programming and FORTRAN programming.

Math 162:
Programming in a High-Level Language *4 credits*

Prerequisites: Math 161/Corequisites: Math 112
Transferability: UBC, SFU, UVic

Concepts and techniques of computer software design. Designing, writing, testing, debugging, documenting and evaluating programs in a high-level language (PASCAL).

Math 211:
Calculus III *3 credits*

Prerequisites: Math 112, or permission of instructor
Transferability: UBC, SFU, UVic

The concepts of Calculus I and II are here extended to cover more general cases. This generalization enables you to attack a much larger class of problems.

In particular the calculus of one variable is extended to cover the calculus of many variables.

Topics include: solid and analytic geometry, partial derivatives and applications, multiple integration.

Math 212:
Calculus IV *3 credits*

Prerequisites: Math 211, or permission of instructor
Transferability: UBC, SFU, UVic

This last course of the calculus series is more sophisticated than the previous three in that more attention is paid here to proofs of important theorems. Topics will include: sequences and series, convergence tests, vector calculus, integral theorems. It will be helpful if you are familiar with the material in Math 221.

Math 213:
Ordinary Differential Equations *3 credits*

Prerequisites: Math 211, or permission of instructor
Transferability: UBC, SFU, UVic

Whenever an investigator attempts to make a model of a system, whether it is one from biology, physics, economics, sociology or psychology, in most cases that mathematical model is in the form of a differential equation.

This course examines some methods of solving certain types of differential equations. Topics will include: first-order differential equation, applications of first-order differential equations, linear differential equations, Laplace transformations, series solutions.

Math 214:

Analysis *3 credits*

Prerequisites: Math 211, or permission of instructor
Transferability: UBC, SFU, UVic

This course provides a first contact with a more analytic (careful) approach to many of the themes used in the calculus. Topics include: induction, limits of sequences and functions, continuous and differentiable functions. It will be helpful if you are familiar with the material in Math 221.

Math 221:

Algebra I *3 credits*

Prerequisites: Math 112, or permission of instructor
Transferability: UBC, SFU, UVic

This linear algebra course offers an introduction to the unique strength of mathematics. Most of the course content is related to matrices and vector spaces.

The approaches used reflect the flexibility of mathematics. Powerful, general results are derived, using algebraic methods, and then applied to specific problems.

At other times the process is reversed and specific problems are used to motivate and develop far-reaching results.

The course is needed by anyone thinking about a mathematics or physics degree. It is useful to anyone who enjoys thinking.

Math 230:

Quantitative Methods for Commerce Students *3 credits*

Prerequisites: Math 103/104 or Math 111/112 or Bus 331/332
Corequisites: Math 150 or Math 161 or Bus 337
Transferability: UBC, SFU

This course will introduce students to some of the mathematical models used to analyze and solve business problems. The linear programming model will be emphasized. Some problems will involve the use of the computer.

Math 231:

Calculus for Economics and Commerce *3 credits*

Prerequisites: Algebra 12 or Math 101
Transferability: UBC, SFU, UVic

The principles of differential and integral calculus are discussed together with their applications to problems from business and economics.

Not to be taken by science students. Credit will not be given for both Math 111/112 and Math 231.

Faculty

Carollyne Guidera, B.Sc., M.Sc. (SFU)
Elaigh Guidera, B.S., M.S. (U of Cal., Berkeley), M.Sc. Ph.D. (SFU)
Doug McDowell, B.Sc. (UVic), M.Sc. (SFU), Perm. Prof. Cert. (B.C.)
Linda Riva, B.Math., M.Math. (Waterloo)
Wayne Welsh, B.Sc. (Alberta), Ph.D. (UBC)

Modern Languages

"Language is intimately tied to man's feeling and activity. It is bound up with nationality, religion, and the feeling of self. It is used for work, worship, and play by everyone, be he beggar or banker, savage or civilized . . . We are witnessing in our time the greatest changes in the history of language learning . . . Formerly known by a few as a mark of education, languages are now studied by people from all walks of life. More languages are studied than ever before, and methods of learning are changing rapidly." (Robert Lado)

At Fraser Valley College we realize that the fabric of Canadian society is made up of many cultures, but has a basically bicultural weave. Thus we offer university transfer courses in French, German and Russian with hopes of expansion to other languages.

Many people ask "Why study a language?" The fact is that humanity's future on this planet rests on increased international trade, cooperation and understanding. We cannot hope to survive without understanding our fellow humans, and the key to this is learning other languages. As international trade develops, the need for multi-lingual resource personnel increases. And as more people travel, they realize the value of communication in another language.

The goal of the language programs at Fraser Valley College is to develop communication, so we place considerable emphasis on actually teaching you to speak the language.

If you can demonstrate sufficient proficiency in a language you may receive advanced credit and placement.

French

French is spoken in 31 countries around the world by approximately 200 million people, and is one of the official languages of our country. Traditionally it has been the language of diplomacy. Because one-third of our citizens are Francophones, studying French can provide a better awareness of who we are as a nation. It is also valuable within the context of the federal government's language policies, especially for those who want careers in the public service, and is a useful tool for travel and enrichment. In commerce, too, more English Canadians who know French will be required in the future. We believe that learning French is a rewarding experience; it is the key to understanding French-speaking people and their fascinating culture.

Because of varying achievement levels, students will be requested to take a placement test to indicate the French course in which they have the best chances of success.

Note: For courses numbered below 100, see Developmental Studies section of the calendar: College Preparatory Programs.

French 101:
French Language I *3 credits*

Prerequisites: French 11, or permission of instructor
Transferability: UBC, SFU, UVic

Introduces you to the French language by an intensive study of important aspects of pronunciation, vocabulary and grammar through the use of audio-visual techniques such as flashcards, slides, videotapes and the language laboratory. We teach you to speak, understand, read and write the language by the direct association of visual and aural concepts with their expression in French. The basic goal is to develop "creative communication".

French 102:
French Language II *3 credits*

Prerequisites: French 101, or permission of instructor
Transferability: UBC, SFU, UVic

Continues to develop your ability to express yourself in oral and written French. It directly follows the goals and methods of French 101.

French 111:
French Language and Literature I *3 credits*

Prerequisites: French 12 or FVC French 101 and 102, or permission of instructor
Transferability: UBC, SFU, UVic

Reviews the essential elements of French grammar and improves your command of idiom, both oral and written. We continue to develop vocabulary and pronunciation by selective use of audio-visual techniques. The course also introduces you to French literature by providing readings and literary discussion topics to refine your ability to understand and express yourself in French.

French 112:
French Language and Literature II *3 credits*

Prerequisites: French 111 or permission of instructor
Transferability: UBC, SFU, UVic

Continues the goals and methods of French 111 to further develop your command of the written and spoken language.

French 201:
Intermediate French I *3 credits*

Prerequisites: French 111 and 112, or permission of instructor
Transferability: UBC, SFU, UVic

Hones your ability in French to a finer precision; reviews in greater detail all the essential points of French grammar, but considers most of the 'fine points' of language, idiom and style. The literature studied includes some contemporary Quebec novellas which should prove challenging. After successfully completing this course, you should have a reasonably sophisticated ability to express yourself in French.

French 202:
Intermediate French II *3 credits*

Prerequisites: French 201, or permission of instructor
Transferability: UBC, SFU, UVic

Completes the goals and methods begun in French 201 to refine your capabilities in the French language.

Faculty

Alan Cameron, B.A. (Hons.) (Calgary), M.A., Ph.D. (UBC)
Christiane Richards, M.A. (Washington, Mo.), B.Ed. (Sask)

German

Why study German? We hear a great deal these days about bilingualism, but did you know that, after English and French, German is the most widely spoken language in Canada? In the Fraser Valley, especially, German is used extensively, as many of our local people come from German-speaking families. So the German language is alive and well in the Fraser Valley! We hear a dozen or more different dialects, each one varying to some degree from standard German. At Fraser Valley College we offer courses in standard modern German, placing emphasis on both the spoken and the written word, thereby ensuring your ability to communicate adequately with German-speaking people throughout the world. At the same time, we help keep alive the German linguistic and cultural traditions characteristic of the Fraser Valley.

German 101:
Beginner's German I *3 credits*

Prerequisites: none
Transferability: UBC, SFU, UVic

Introduces you to the basic principles of the German language. Equal emphasis is placed on the spoken and the written word. German is used frequently in the classroom and you will have ample opportunity to learn through conversation, drill patterns, oral and aural comprehension testing, dictation and language laboratory tapes. There are no major examinations, as testing is performed weekly on an accumulative basis. If you have some knowledge of German you are encouraged to challenge this course.

German 102:
Beginner's German II *3 credits*

Prerequisites: German 101, or permission of instructor
Transferability: UBC, SFU, UVic

The continuation of German 101. By the time you complete German 102, you will have acquired good basic fluency in both the written and the spoken language. You will also acquire a sound knowledge of the structure of the English language as a valuable by-product of the course. If you have acquired some German at home or in school, you may register without German 101, but you will be required to write a short test.

German 201:
Intermediate German I *3 credits*

Prerequisites: German 102, or permission of instructor
Transferability: UBC, SFU, UVic

Develops your basic knowledge of spoken and written German. Grammar and idiom will be covered, while comprehension and composition work will be developed through assignments, class discussion and oral practice in the language laboratory. Fluency in both German and English will be emphasized. By studying a variety of literary, scientific and philosophical texts, you will become proficient in the language and knowledgeable about the history and culture of the countries in which it is spoken. As fluency in both German and English is emphasized, native German-speakers will find both German 201 and 202 valuable 'refresher' courses.

German 202:
Intermediate German II *3 credits*

Prerequisites: German 201, or permission of instructor
Transferability: UBC, SFU, UVic

Continues with the basic approach of German 201, developing your ability in both spoken and written German. Methods used include composition, aural comprehension, conversation and language laboratory drill patterns. At this stage you are introduced to the techniques of translation and to the basic methods of literary criticism and text analysis. By the end of German 202 you should, with the aid of a good dictionary, be able to comprehend almost any modern German text. As fluency in both German and English is emphasized, native German-speakers will find both German 201 and 202 valuable 'refresher' courses.

Faculty
Alan Cameron, B.A. (Hons.) (Calgary), M.A., Ph.D. (UBC)

Russian

Why study Russian? Though Russian is not an easy language to learn, recent enrolments in Russian have increased significantly. It is the language of one of the three major world powers and is exciting to study. Russian has now become the second language of science after English. It has an almost phonetic alphabet and a logical, though complex, structure.

Canada's geographical proximity to the USSR, along with increasing commerce with this vast untapped market, will require more Canadian service and diplomatic personnel trained in Russian. The Soviets and their cultures, so long in darkness for the average Canadian, will be illuminated by further co-operative space ventures, additional exciting hockey series, and increased tourism and trade.

Russian 101:
Russian Language I *3 credits*

Prerequisites: none
Transferability: UBC, SFU, UVic

Introduces the Russian language by an intensive study of the Cyrillic alphabet, the case and verb system, and essential vocabulary. Through the use of various audio/visual techniques to avoid translation, we teach you to speak, understand, read and write Russian by directly associating a visual idea with its verbal expression in Russian. Dialogues and conversations are placed within everyday situations to emphasize the "creative" aspects of learning Russian. Considerable time is spent on films and slides to discuss life in the Soviet Union and familiarize you with Russian culture.

Russian 102:
Russian Language II *3 credits*

Prerequisites: Russian 101, or permission of instructor
Transferability: UBC, SFU, UVic

Continues to develop your ability to express yourself in oral and written Russian. It is sequential to Russian 101.

Russian 201:
Intermediate Russian I *3 credits*

Prerequisites: Russian 101 and 102, or permission of instructor
Transferability: UBC, UVic

Reviews the important elements of Russian grammar studied in the first year, concentrating on the case and verb system. It develops your command of both oral and written Russian and introduces certain simplified texts for literary study. Films and slides are used to enrich the cultural content of the course.

Russian 202:
Intermediate Russian II *3 credits*

Prerequisites: Russian 201 or permission of instructor
Transferability: UBC, UVic

This course, sequential to Russian 201, is designed to continue the development of the study of the Russian language begun in the previous course.

Russian 251:
19th Century Russian Literature in English *3 credits*

Prerequisites: none
Transferability: UBC, SFU, UVic

Introduces you to the richness of 19th century Russian society through its authors and their works. We take seven major authors of this period, such as Tolstoy, Dostoyevsky, Chekhov and Pushkin, and read selected works translated into English. These literary masterpieces are studied within the context of the historical, sociological and philosophical development of Russian society.

Russian 252:
20th Century Russian Literature in English *3 credits*

Prerequisites: none
Transferability: UBC, SFU, UVic

In this course we try to understand the development of Russian society since the revolution by examining major works of seven post-revolutionary writers, including Pasternak, Solzhenitsyn, Zamyatin, and Sholokhov. Some are pro-Soviet and some are biased against the changes in Russia since 1917, but all are fascinating reading. Once again, we read these works in English in an attempt to understand what has happened historically and politically in Russia in the last six decades.

Faculty *Alan Cameron, B.A. (Hons.) (Calgary), M.A., Ph.D. (UBC)*

Philosophy

The purpose of philosophy is to enable us to think well about the most important questions in our lives: What do I want to accomplish with my life? Does my life have any purpose? Do I live in a just society? Does God really exist? How should I treat others?

Obviously, philosophers are not the only ones who ask such questions. It is difficult to imagine anyone who has not asked and attempted to answer them.

The only way we can be satisfied with our answers is to find them for ourselves. We cannot do so by memorizing the ideas of others or by being intimidated by the 'wisdom of the ages'. We must learn to think clearly and creatively for ourselves.

In order to think clearly, philosophy teaches methods for analyzing problems and looking for solutions that avoid basic mistakes in reasoning. These methods can be applied to any problem or question.

In order to think creatively, philosophy examines some of the outstanding original ideas of past and present so that we can discover where our present ideas originated, and so that we can use these ideas as a starting point for our thinking.

Since Socrates, the founder of Western Philosophy, was forced to drink hemlock by the citizens of Athens in 399 B.C., philosophy has had a subversive reputation because it asks the sort of questions that make people think for themselves.

The reputation is well deserved.

Philosophy 100:
Reasoning: An Essential Human Activity *3 credits*

Prerequisites: none
Transferability: UBC, SFU, UVic

Have you ever been unable to figure out why someone's reasoning wasn't quite right? Have you ever had your own cherished reasoning demolished by someone? Have your essays, exams, or lab reports ever been torn apart for being illogical?

If so, you need this course.

Good reasoning is the basis for successful thought and action. Good methods of reasoning help us to examine an issue or problem, to analyze it, to assess various solutions and to understand how to find the correct answer.

In order to detect and avoid errors in our reasoning, we will examine fallacies of reasoning, different forms of argument, the concepts of truth and validity, proof and evidence, consistency and contradiction, definition and generalization, deduction and induction.

Throughout the course, we will apply our methods of reasoning to various issues, both practical and theoretical.

Note: Students who took Philosophy 100 prior to 1978 may take Philosophy 100 for further credit.

Philosophy 110:
Morality and Politics *3 credits*

Prerequisites: none
Transferability: UBC, SFU, UVic

There have always been conflicts between individuals, and between social organizations and the individuals who compose them. What is the nature and source of these conflicts? Are they due to human nature? What rights and obligations do individuals have? What rights and obligations do social organizations — such as the state, a trade union, the family — have to their members? What are justice and freedom? These questions, and the answers offered by classic and contemporary authors such as Plato, Hobbes, Locke, Rousseau, Mill and Marx will be examined in lectures, films, discussion and writing.

Philosophy 120:
Knowledge and Reality *3 credits*

Prerequisites: none
Transferability: UBC, SFU, UVic

Many of the traditional problems and arguments in philosophy can be viewed as dealing with the nature of human individuality.

Individuality is acclaimed as one of the great achievements of western civilization. The progress of civilization has often been measured by how much individuality is allowed to flourish. What is individuality? What makes me an unique individual?

In order to begin answering these questions, further questions need to be asked: When do I have free will to express my individuality? What is the relationship between my physical nature — my body — and my spiritual nature — my mind? Am I really anything more than a complicated thinking machine? What happens to me when I die?

Lectures, films, classic and contemporary reading, supplement discussion and writing.

Note: Students who took Philosophy 100 prior to 1978 cannot receive further credit by taking Philosophy 120.

Philosophy 130:
Philosophy of Law *3 credits*

Prerequisites: none
Transferability: UBC, SFU, UVic

Our legal and penal systems are often severely criticized. We can better understand these criticisms and the issues they raise if we can answer a number of philosophical questions about the nature of law, punishment, and responsibility.

Why do we have laws? What is law: is it essentially a constraining force or is it a force for freedom?

What is the relationship of the law to morality: should the law enforce morality?

When is a person responsible for an act and thus legally liable to punishment? Why do we punish criminals: to deter crime, to rehabilitate the criminal, to 'pay back' the criminal? Is it ever justified to break the law?

These questions will be examined through classic and contemporary reading in the philosophy of law, lectures, films, discussions, and writing.

Philosophy 140:
Faith and Reason: Philosophy of Religion *3 credits*

Prerequisites: none
Transferability: UBC, SFU, UVic

Religion is hailed for giving value to our lives where science and humanism fail, and it is condemned as a crutch, an illusion, a mere hedging of bets. What is the special character of religion? Is it appropriate to ask for evidence in religion, for example, in support of the existence of God, or does religion rely on special experiences of revelation and miracles?

These questions raise many further issues such as the nature of God, the possibility of an afterlife, and the nature of good and evil.

Responses to these and other questions given by people such as Plato, Descartes, Hume, Aquinas, and Freud will be examined in lectures, films, discussion, and writing.

Philosophy 210:
Contemporary Issues in Morality and Politics *3 credits*

Prerequisites: Philosophy 100 and 110, or permission of instructor
Transferability: UBC, SFU, UVic

Through seminars and directed reading, problems of current interest in moral and political philosophy will be dealt with, including conflicts between dominant moral theories, between the demands of morality and of politics, and between theories of justice, freedom, and human nature.

Philosophy 220:
Issues in Metaphysics and Epistemology *3 credits*

Prerequisites: Philosophy 100 and 120 or 140, or permission of instructor
Transferability: UBC, SFU, UVic

Through seminars and directed reading, traditional problems of metaphysics and epistemology will be examined, such as the nature of existence, relations between mind and matter, the nature of persons, theories of truth, free will and determinism, the nature of space and time, language and meaning, the relation of evidence to knowledge and belief, scientific method.

Faculty
Paul Herman, B.A. (U. of Cal., Santa Barbara)

Physics

Did you ever ask yourself "Why does a rock fall?"

Great physicists from Newton to Einstein have been curious about commonplace events. Their theories of space, time and matter began with such simple questions as "Why does an apple fall?" and "Why does a magnet pull?" and "What makes a wave move?"

A sense of wonder has been characteristic of many artists and scientists. A mood of wonder is a proper one in which to begin the study of physics. One good reason for studying physics is to satisfy our curiosity about nature. We want to see what happens and why.

A good way to find out why things behave as they do is to perform an experiment. Experimenting means controlling or keeping fixed every possible factor except the one you are trying to study.

Now it happens that in physics the laws and regularities of nature stand out more clearly than in many other sciences. In physics, you will develop a feeling for the order of magnitude of physical quantities in real experiments. In your physics class you will learn how to observe nature closely.

The physics laboratory is a place where rather simple skills are required, and the emphasis is on the interpretation of results rather than measurement for its own sake.

In physics we study the more basic ideas about space, time, motion, matter and energy. In a sense, physics is the most basic of all the natural sciences.

To give you an idea of what physics is about, here are some of the topics studied in the usual introductory physics course: mechanics (how things move and how forces cause them to move or to be at rest); sound (vibrations and waves; musical instruments); light (nature and behavior of light; lenses and prisms); electricity and magnetism (electric charges; circuits; electronics); and atomic and nuclear physics (radioactivity; atom smashing; nuclear power; cosmic rays).

Note: For courses numbered below 100, see Developmental Studies section of the calendar: College Preparatory Programs.

Physics 101:
Introductory General Physics I *4 credits*

Prerequisites: Physics 11 and Math 11, or permission of instructor
Students with Physics 12 should take Physics 111.
Transferability: UBC, SFU, UVic

This non-calculus course is intended for students with little background in physics.

Topics covered include Newtonian mechanics of particles and rigid bodies; sound; laboratory experiments in the field of mechanics and sound. The object is to understand the fundamental laws of mechanics and sound and learn how to apply the theory to solve related problems.

The course will be presented using lectures, tutorials and laboratory experiments.

Physics 102:
Introductory General Physics *4 credits*

Prerequisites: Physics 101 or permission of instructor
Transferability: UBC, SFU, UVic

A non-calculus course. Topics covered include light, electricity and magnetism; atomic structure; laboratory experiments in the fields of light, electricity and radioactivity.

The object is to understand the fundamental laws of light, electricity and magnetism and of atomic structure, and learn how to apply the theory to solve related problems.

The course will be presented using lectures, tutorials and laboratory experiments.

Physics 103:
Introductory Astronomy *4 credits*

Prerequisites: none
Transferability: UBC, SFU, UVic

An introductory and survey course in astronomy. Topics include: history of astronomy, timekeeping, calendars, exploring the sky, light and its properties, astronomical instruments and observations, special theory of relativity, and other selected topics.

A wide selection of in-laboratory and outdoor experiments will be expected of students. Emphasis will be on performing measurements of the nighttime sky. This course does not presuppose any previous knowledge of physics or mathematics, however, students who have a background in these fields will find the course valuable because of its unique coverage of a wide range of modern theories.

Physics 104:
Astronomy

Prerequisites: Physics 103
Transferability: UBC, SFU, UVic

The second half of Physics 103, designed for students who wish to pursue their study of astronomy. Topics covered include properties of stars, galaxies, life cycle of a star, modern theories in astronomy, origin and the evolution of the universe. Students will be given a number of different laboratory exercises to supplement the material covered in class. The course will place an emphasis on conceptual development rather than a rigorous mathematical treatment.

Physics 111:
Mechanics and Sound *4 credits*

Prerequisites: Physics 12, or permission of instructor
Corequisite: Math 111
Transferability: UBC, SFU, UVic

Students enrolled in this course have a fair background in both physics and mathematics from high school, so the course is intended for students who are planning to study engineering, science and life sciences. Topics covered include Newtonian mechanics; vibrations and waves; laboratory experiments in the field of mechanics and sound.

The object is to understand the fundamental laws of mechanics and waves and learn how to apply the theory to solve related problems and to develop a feeling for the order of magnitude of physical quantities in real experiments.

The course will be presented using lectures, tutorial periods and laboratory experiments.

Physics 112:
Light, Electricity and Magnetism and Atomic Structure
4 credits

Prerequisites: Physics 111 or Physics 101 (Grade B+ or better), or permission of instructor
Corequisites: Math 111 or 112
Transferability: UBC, SFU, UVic

The second half of Physics 111, designed for students who are planning to study engineering, science and life sciences. Topics covered include light, electricity and magnetism; atomic structure; laboratory experiments in the field of light, electricity and radioactivity. The course will be presented using lectures, tutorial periods and laboratory experiments.

Physics 211:
Optics and Spectra *4 credits*

Prerequisites: Physics 101 and 102 (Grade B or better) or Physics 111 and 112, or permission of instructor
Transferability: UBC, SFU, UVic

To extend the concepts studied in Physics 102 and 112, this course includes laboratory experiments in optics and modern physics. A variety of examples is discussed in class. The course will be presented using lectures, tutorial periods and laboratory experiments.

Physics 221:
Mechanics and Special Relativity *4 credits*

Prerequisites: Physics 101 and 102 or Physics 111 or 112, or permission of instructor
Corequisites: Math 211 and 221
Transferability: UBC, SFU, UVic

Extends the concepts studied in Physics 101 and 111. Topics covered include kinematics; dynamics; energy; momentum; free, forced and damped oscillations; gravitation and relativity. The course will be presented using lectures, tutorials and laboratory experiments.

Physics 222:
Electricity and Magnetism and Circuits *4 credits*

Prerequisites: Physics 101 and 102 or Physics 111 and 112, or permission of instructor
Corequisites: Math 212 and 213 or 214
Transferability: UBC, SFU, UVic

A study of steady state electric and magnetic fields; elements of D.C. and A.C. circuits; complex vector representation of sinusoidal quantities and electric and magnetic properties of solids. Experiments in voltage; current and impedance measurements; RC, RL, and RLC circuits. The course will be presented using lectures, tutorials and laboratory experiments.

Physics 224:
Heat and Thermodynamics *4 credits*

Prerequisites: Physics 101 and 102 or Physics 111 and 112 or equivalent
Corequisite: Mathematics 211 or equivalent
Transferability: UBC, SFU, UVic

An introduction to the fundamentals of heat and thermodynamics. Topics include the laws of thermodynamics, phase change, kinetic theory of gases and classical and quantum statistical distribution. Laboratories on alternate weeks.

Faculty

Salah Elkateb, B.Sc. (Ain Shams, Cairo), M.Sc. (Cairo Univ.), Ph.D. (UBC)
George McGuire, B.Ed. (Sask.) B.Sc. (Sask.) M.Sc. (Portland), Prof. Teaching Cert. (Man., Sask., Alta., B.C.)
Staff
Marshall Langtry, B.Sc. (UBC), Prof. Teaching Cert. (B.C.)



Political Science

Politics is the activity by which a community determines the direction in which it wants to move and develop, the kinds of behavior it wants to encourage or discourage, the range of experiences it wants to facilitate or exclude; in a phrase, politics is the way we construct our collective 'home'.

This is a matter of no small importance.

The hope of politics is to create a home comfortable and secure, an environment which uplifts us and allows for personal growth, a space which entices us to be our best selves, a place we can enjoy and love.

Our fear is that we are stuck in a world where human life is "solitary, poor, nasty, brutish, and short".

Political science attempts to study what is possible for humankind, and the public processes and institutions through which we seek to realize those possibilities. Thus, political science is the study of ends: happiness, freedom, prosperity, security; and political science is also the study of means: public law and authority, policy-making and administration, interest groups and political parties, political power and compromise, political action and public participation, political leadership and public opinion.

Political Science 110:
Canadian Politics *3 credits*

Prerequisites: none
Transferability: UBC, SFU, UVic

Approaches the study of the governmental structures and institutions of contemporary Canada by considering social, political and economic factors which have exercised significant influence on their development. Canadian government will be viewed in terms of its dynamic interaction with the broader political environment. In addition, this course focuses on the Social Credit and New Democratic parties in British Columbia.

Political Science 120:
Ideology and Politics *3 credits*

Prerequisites: none
Transferability: UBC, SFU, UVic

An examination of the major political ideologies including conservatism, liberalism, Marxism and democratic socialism. The course centres around both political and economic doctrines with a view to the understanding and evaluation of contemporary North American and world politics.

Political Science 200:
Introduction to Political Analysis *3 credits*

Prerequisites: Political Science 120 or permission of instructor
Transferability: UBC, SFU, UVic

Introduction to the various modes of political analysis including classical perspectives, political economy and empirical political analysis.

Political Science 230:
Comparative Politics *3 credits*

Prerequisites: any 100 level course in political science, or permission of instructor
Transferability: UBC, SFU, UVic

An introduction to the basic structures, processes and policies of modern governments through an examination of foreign governments. The course will concentrate upon western, advanced industrial nations including France, West Germany, Great Britain and the Soviet Union, with comparative reference to the United States and Canada.

Faculty
Scott Fast, B.A. (Washington), M.A. (UBC)

Power and Knowledge

A Multi-Disciplinary Credit Program

Power and Knowledge is a multi-disciplinary approach to the study of our struggle to make sense of life and give order to our world. When we examine various societies in history, we invariably find that this fundamental quest for order is expressed simultaneously in art, literature, mythology, religion, philsophy, science and in social, economic and political structures.

In literature we share mankind's personal encounter with existence. In art and mythology we find the symbolic expression of the ideals and agonies of each age. In philosophy we observe various descriptions of knowledge and the application of that knowledge in personal and community life. And in politics we see the way in which relations of power and influence structure the future with a view to conservation or change.

When we look at these societies, we also find that the political and economic structure dominates the context in which individuals and the community express their hopes and fears, give meaning to their lives and seek to transform their social and natural environments according to their understanding of themselves and their needs. An individual's understanding of the world is a function of that person's experience and the activities which constitute that experience are in turn a function of the given social, political and economic order.

Thus the unifying theme of the program is the relation between power and knowledge (or consciousness), time and change.

It is our belief that art, literature, philosophy, consciousness and politics are not easily separable now, and were not in the past. It is hoped that through a program of this nature, students will develop an integrated cultural awareness not available through more conventional modes of study.

On completion, the program offers university transfer credit for six specific courses drawn from the disciplines of philosophy, art history, political science and English literature. The program is equivalent, then, in transfer credit and work load, to six regular classes (three each semester) and represents 60% of a typical full-time curriculum.

The only prerequisite is the successful completion of English 100, and this may be waived in special cases where writing ability is deemed sufficient.

Please contact either Scott Fast or Rory Wallace for additional information regarding program content and registration procedures.

(This program will be next offered beginning the fall semester of 1982.)

Faculty

Scott Fast, B.A. (Washington), M.A. (UBC)
Rory Wallace, B.A. (SFU), M. Litt. (Edinburgh), Diploma Art History (UBC)



Psychology

Psychology is concerned primarily with understanding human behavior. This requires consideration of such things as biological and physiological bases of behavior as well as of its emotional, motivational and social aspects.

There is no single approach to understanding human behavior, but psychologists have developed a number of theories and concepts.

A student interested in answers to such questions as "What makes people tick?" or "How will psychology help me lead a better life?" will not find simple psychological descriptions or prescriptions but rather a deeper, more comprehensive appreciation of the various viewpoints held by different psychologists.

Note: For courses numbered lower than 100, see Developmental Studies Section of the calendar: College Preparatory Programs.

Psychology 100:
Topical Issues in Psychology *3 credits*

Prerequisites: none
Transferability: SFU, UVic

An in-depth inspection of issues current in psychology and contemporary society addresses topics such as the role of women, Canadian social psychology, behaviorism and the design of society. The specific topics chosen by the instructor will be announced before the beginning of the semester.

Psychology 101:
Introduction to Psychology I *3 credits*

Prerequisites: none
Transferability: UBC, SFU, UVic

Investigates the basic viewpoints of psychology with respect to learning, memory, thought, child development, sensation and perception, and physiology.

Psychology 102:
Introduction to Psychology II *3 credits*

Prerequisites: Psycholgy 101
Transferability: UBC, SFU, UVic

A continuation of Psychology 101 studies the basic viewpoints of psychology with respect to emotion, motivation, personality, social influence, abnormality and psychological testing.

Psychology 201:
Experimental Psychology I *3 credits*

Prerequisites: none
Transferability: UBC, SFU, UVic

Basic techniques of descriptive and inferential statistics and their applications to psychological research. Methods of graphing, central tendency, dispersion, relationship and various parametric and distribution-free statistical tests are included.

Note: This course is a prerequisite for some third and fourth year university courses in psychology.

Psychology 202:
Experimental Psychology II *3 credits*

Prerequisites: Psychology 201, or permission of instructor
Transferability: UBC, SFU, UVic

The planning, conduct, interpretation and reporting of research in psychology; covers such topics as choice of variables, control of extraneous sources of variation, internal and external validity, experimental design, factorial designs, correlational research designs and single-subject research. Research projects are required.

Note: This course is a prerequisite for some third and fourth year university courses in psychology.

Psychology 205:
Social Psychology I *3 credits*

Prerequisites: Psychology 101, or permission of instructor
Transferability: UBC, SFU, UVic

Examines the effects of social stimuli on the behavior, thought and feelings of the individual; provides a broad survey of theory and research concerning such topics as attitude formation and change, social perception, attribution processes and interpersonal attraction, aggression and violence and helping behavior.

Psychology 206:
Social Psychology II *3 credits*

Prerequisites: Psychology 101 and 205, or permission of instructor
Transferability: UBC, SFU, UVic

Investigates major theories of social psychology and surveys such topics as co-operation, competition, group dynamics and group differences. Contemporary social psychological research methods will also be studied.

Psychology 210:
Child Development *3 credits*

Prerequisites: Psychology 101, or permission of instructor
Transferability: UBC, SFU, UVic

An introduction to the process of development, focusing on major changes and influences during childhood as well as major theoretical interpretations.

Psychology 220:
Psychology of Adolescence *3 credits*

Prerequisites: Psychology 101 and 210, or permission of instructor
Transferability: UBC, SFU, UVic

Includes description of its physical, emotional, cognitive and social and moral development as well as major influences upon it such as the home environment, adult society, peer culture and school.

Psychology 230:
Adulthood and Aging *3 credits*

Prerequisites: Psychology 101, or permission of instructor
Transferability: UBC, SFU, UVic

Addresses the psychological aspects of life after adolescence and may include topics such as maturity, marriage, job satisfaction, parenting, adolescence, influence of sex and age differences and death.

It would be helpful if you are familiar with the material in Psychology 220.

Sociology

If you plan to work in an occupation that "deals with people" then sociology may be for you.

If you have ever wondered why people sometimes do things they 'don't want to do' or don't do things they 'want to', sociology may be for you.

If you have ever wondered why one out of every five Canadians is 'poor', sociology may be for you.

If you have ever wondered what it was about the 60s which caused women to begin questioning their traditional place, sociology may be for you.

Sociology offers, above all, some different and deeper ways of understanding ourselves, our communities and the human world.

"Sociologists approach the explanation of phenomena or problems by seeking causes for them in the facts of people's membership in social groups and in the ways in which these groups are related to each other." (Coulson and Riddell, 1970)

Note: For courses numbered lower than 100, see Developmental Studies section of the calendar: College Preparatory Programs.

Sociology 101:
Introductory Sociology I *3 credits*

Prerequisites: none
Transferability: UBC, SFU, UVic

An analysis of the basic concepts, methods and theoretical orientations which are characteristic of sociology, this course is designed to acquaint you with the discipline and to facilitate critical and logical thought concerning explanations of society and social interaction.

Sociology 102:
Introductory Sociology II *3 credits*

Prerequisites: none
Transferability: UBC, SFU, UVic

Applies many of the concepts, theories and critical faculties developed in Sociology 101 to a study of specific institutions and social processes in Canadian society. In particular, the course will look sociologically at the political, economic and social structures of Canadian society.

Sociology 210:
Social Problems of Canadian Society *3 credits*

Prerequisites: Sociology 101 and 102, or permission of instructor
Transferability: UBC, SFU, UVic

Studies a selection of the major social issues and problems facing Canadian society. These issues include Quebec separatism, Canadian regionalism, racial conflict, Indian and Inuit cultural survival, foreign ownership, and the Americanization of Canadian culture.

Sociology 220:
Sociology of Women — Women in Canada *3 credits*

Prerequisites: none
Transferability: UBC, SFU, UVic

Many women demand changes in their traditional role. This course examines these demands and traditional roles in an attempt to understand the relationship between women, the family and community in industrial society. Particular attention is paid to researching local issues and structures.

Sociology 230:
Individuals, Institutions and Social Change *3 credits*

Prerequisites: Sociology 101 and 102, or permission of instructor
Transferability: UBC, SFU, UVic

Begins from the premise that we, as members of a society, spend virtually all of our lives working (and playing)within a variety of institutional structures. From birth through infancy, childhood, adulthood and old age, our lives and consciousness are molded by various social forces. The course will focus on the 'family' and the 'work place' with attention also being paid to educational and other 'socializing' agencies.

Sociology 240:
Canadian Regional Studies *3 credits*

Prerequisites: Sociology 101 and 102, or permission of instructor

Canada, although tied together by a variety of fragile legal and economic bonds, is a country of incredible economic and cultural diversity. This course attempts to acquaint students with the unique nature of Canada's regions and sub-regions. Within the context of Canadian development, students will explore one or two regions in an attempt to understand the social and economic issues affecting them.

Faculty

Kevin Busswood, B.A. (Hons.) (UBC)
Colin Ridgewell, B.Sc. (Southampton), M.A. (SFU)

Note: Some sociology courses may be available as Directed Independent Study courses. Check with Student Services to find out what is available in any semester.



Theatre

The College offers courses with an emphasis on practical theatre. You may want to take one or several of these offerings for one or several of the following reasons:

— improve your abilities as a community theatre participant;
— be a better audience member;
— pick up university transfer credits for future degree programs;
— develop pre-professional skills to be further developed in full-time theatre schools;
— complement English 130 and 230, which treat plays as literature;
— complement Fine Arts or other college programs;
— develop confidence and communication skills.

The courses are augmented by theatre productions mounted by Fraser Valley College Theatre. Students, staff, faculty and members of the community are encouraged to become involved in these productions.

Not all of the courses listed below will be offered in any one semester.

Theatre 101:
Introduction to Theatre I *3 credits*

Prerequisites: none
Transferability: UBC, SFU, UVic

An introduction to the theory and practice of the theatrical arts. Through lectures, seminars, workshops, play readings, films and theatre visits, you will study the development of theatre arts from ancient Greece to Elizabethan England.

Theatre 102:
Introduction to Theatre II *3 credits*

Prerequisites: Theatre 101, or permission of instructor
Transferability: UBC, SFU, UVic

Surveys the development of theatre arts from the 17th century to modern times. Lectures, seminars, workshops, play readings, films and theatre visits are part of the course.



Theatre 111:
Acting I *3 credits*
Prerequisites: none
Transferability: UBC, SFU, UVic
Exploration and development of the actor's resources, as well as physical and vocal skills. You will participate in theatre games, improvisations, and prepare 'scores of action'.

Theatre 112:
Acting II *3 credits*
Prerequisites: Theatre 111, or permission of instructor
Transferability: UBC, SFU, UVic
A continuation of the development of the actor's basic skills begun in Acting 1. You will participate in exercises, theatre games and improvisations, as well as short scenes from major dramatic works.

Theatre 211:
Acting III *3 credits*
Prerequisites: Theatre 112, or permission of instructor, or audition
Transferability: UBC, SFU, UVic
This is an intermediate acting course focusing on textual analysis and the performance of short scenes.

Theatre 212:
Acting IV *3 credits*
Prerequisites: Theatre 211, or permission of instructor, or audition
Transferability: UBC, SFU, UVic
Emphasis in this course is placed on characterization and interpretation. Students will prepare and present several scenes and one full length play.

Theatre 221:
Introduction to Technical Theatre *3 credits*
Prerequisites: Theatre 102, or 112, or permission of instructor
Transferability: UBC, SFU, UVic
An introduction to the techniques of stage management, makeup, lighting, costume and set construction. There will be practical production assignments in these areas.

Theatre 222:
Introduction to Design *3 credits*
Prerequisites: Theatre 221, or permission of instructor
Transferability: UBC, SFU, UVic
A continuation of Theatre 221 introducing the elementary principles of set, costume and lighting design. You will participate in practical application of these arts.

Supplemental credit-free classes are offered in conjunction with the Continuing Education Division. These courses vary but may include movement, mask, speech, children's theatre, directing and playwrighting.

Faculty
Ian Fenwick, B.A. (Brock), B.A. (Hons.) (Queen's)

Directed Independent Study

Students at Fraser Valley College have the opportunity to take selected courses as "independent study". This approach allows students to complete a University Transfer course without having to attend regularly scheduled classes. Furthermore, these courses are not tied to a particular campus. Instructors will be available on both campuses. More complete detail on the Directed Independent Study approach and further information on the individual courses being offered in the 1981/82 academic year is available from Student Services and the Regional Offices.

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