

FRASER

VALLEY COLLEGE

CATALOGUE • 75 > 76



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“The past is but the beginning of a beginning, and all that is and has been is but the twilight of the dawn . . . a day will come when beings now latent in our thoughts and hidden in our loins shall stand upon this earth as one stands upon a footstool, and shall laugh and reach out their hands amid the stars.”

— H. G. Wells

I. You and Your College

Learning can be a life-long experience.

It can be a source of pleasure.

And it probably would be for more people, if we weren't in the habit of thinking about education in terms of textbooks and classrooms.

Learning should satisfy the wants of the people involved . . . people like you.

For example, there's probably something you'd like to learn more about . . . some skill that would get you into a better job; a hobby you've always wanted to take up; or a chance to continue your formal education.

That's why Fraser Valley College has come to this community; that's what life-long learning is about.

This college is not a collection of books and buildings; it's an idea shared by students, faculty, administration, and a college council representing a cross-section of your neighbours.

Their idea involves a new look at "education": who it's for, where and how it should happen.

Education is your own way of developing your abilities and finding resources within yourself. It's not

just something that happens to you in a classroom; you do it yourself, and it's therefore your own thing.

Education should be available to anyone who wants to learn.

And it isn't limited to a classroom or a college campus. It comprises everything you do, your whole living experience.

What's a college for, then?

It's to provide the setting, the material, the framework, the most productive sequence for learning, and above all, access to people who can help you to discover the resources within you and your relationship with the world about you.

What makes one college different from another?

Philosophy, facilities, people and place.

Our philosophy is centred on learning; we are not a research institution, we teach.

Our philosophy of teaching emphasizes positive, active learning experiences that involve the student. We are student-oriented, and want to develop an interactive learning process.

Fraser Valley College, B.C.'s newest community college, is just beginning to gather its facilities. Therefore, what we start with will be the newest and best available. Much of what we acquire will be what our first students tell us is relevant to a contemporary education.

Our people are innovators; they are open, concerned, interested. And they are pioneers – both students and faculty.

Our place is your place: the Upper Fraser Valley. It sets the tone of our programs. What this college does must fit the needs of these communities, these people.

This college was established to provide post-secondary and community education for all the people

of this area, regardless of age or academic background.

Senior citizens pay no fees for courses at this college.

Fraser Valley College has two core facilities, near Chilliwack and Abbotsford.

The college region is rich in natural beauty and provides British Columbia with much of her garden produce, beef, poultry and dairy products.

In addition to modern classroom and laboratory units, each core has a student centre and a Library/Learning Resources Centre. Satellite centres have been established in Mission, Agassiz, and Hope to extend college services to all areas of the college region.

“The stuff of the world is mind-stuff.”

— Sir Arthur Eddington

II. What Does This College Offer?

Fraser Valley College has programs to meet the needs of most prospective students.

We offer career programs to prepare you directly for specific jobs.

We offer the first year of the B.C. Institute of Technology's two-year business management course.

We offer the chance to take the first two years of university while living at home in the Valley; these "University Transfer" programs were developed in

co-operation with B.C.'s universities, so that credits can be transferred; they can also be transferred to many out-of-province institutions.

We offer a leisure-time program of widely varied general interest studies.

And we offer a "non-program": access to any of these courses for those who want to learn with no objective other than the joy of learning.

Descriptions of these programs are on page 29.

“Man is only a reed, the feeblest reed in nature; but he is a thinking reed . . . all our dignity lies in thought.”

— Blaise Pascal

III. How Do I Get Into The Courses I Want?

If you want to complete one of the programs of studies, our counsellors will help you pick the courses you need, and the best sequence for you, individually, to follow.

If you simply want to take a course because it interests you, just sign up.

That's all there is to it, except for the fees, which are the lowest in B.C., and a simple registration process.

“Almost all important questions are important precisely because they are not susceptible to quantitative answers.”

— Arthur Schlesinger, Jr.

IV. Who Can Attend Fraser Valley College?

You can, if you're over 19 years old; or if you've finished high school...

If you don't fit these categories and want to come to Fraser Valley College, consult our counsellors. They're here to help you.

Our counselling service is student-oriented; if Fraser Valley College is the best place for you, our counsellors will help you set up a program of studies. If it isn't, they'll tell you so, and will help you locate the school that is best for you.

International Students: Applicants from outside Canada are eligible for admission if they can provide proof of landed immigrant status by presenting a

Canadian Immigration Identification Card No. IMM 1000. (Landed immigrants must also meet residence requirements.) Application for admission on a student visa will not be accepted. Since the language of instruction is English, those not proficient in both written and oral English may be ineligible for admission to certain courses and should consult a college counsellor for information about special courses available to them.

Senior Citizens: Any resident of the college region 65 years of age or over is entitled to admission to college courses free of charge.

“Mind may be a universal entity . . . of the same order as electricity or gravitation . . . there must exist a modulus of transformation, analogous to Einsteins’s famous equality $E=mc^2$, whereby ‘mind stuff’ could be equated with other entities of the physical world.”

— V. A. Firsoff

V. How Much Does It Cost?

As mentioned earlier, Fraser Valley College has the lowest fees in B.C.

Senior citizens	no charge
Vocational courses	\$15 per month
Community Education courses	various fees, all under \$1 per hour of instruction

University Transfer and Technical courses, resident students	\$9 per unit to maximum of \$100
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University Transfer and Technical courses, non-resident students	\$18 per unit to maximum of \$200
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“Physics is mathematical not because we know so much about the physical world, but because we know so little: it is only its mathematical properties that we can discover.”

— Bertrand Russell

VI. What Services Are Available For Students?

Academic Advising: College counsellors, aided by paraprofessionals, help students to plan their studies. Catalogues from most western colleges and universities are kept in the student services library. In addition, instructors are available to discuss educational matters with prospective and enrolled students. Everyone planning to enroll is invited to discuss plans with a counsellor before registration.

Career Information: The college has an occupational information centre to help students learn more about career choices. Library sources, brochures, seminars, Canada Manpower counsellors, and faculty can help students make important curriculum decisions.

Vocational Counselling: Group counselling workshops are offered to help students clarify values, explore occupations, and plan career paths. Courses in job-hunting and interview skills will also be available.

Students may take various tests to learn more about their interests, personality characteristics, and aptitudes. The college also assists students to find part-time and full-time employment.

Orientation: Counsellors visit local secondary schools and satellite centres to explain college programs and requirements. They also attend career conferences during the year and ease the transition to college by arranging tours of our campus for prospective students. Program planning interviews are scheduled throughout the summer to further prepare students for the year ahead.

An Orientation program helps to acquaint new students with college life. Groups may be formed to discuss effective study skills, vocational alternatives, academic regulations, and the special concerns of non-traditional students.

Counselling and Guidance: Professional coun-

sellors are available to students who want help with educational, vocational or personal problems.

A college career is different in many ways from prior experience and this newness sometimes creates difficulties. By working through a problem with a counsellor, the student is often better equipped to resolve conflicts which may develop in or out of the classroom. Appropriate resources for more intense personal problems are also available.

Counselling at Fraser Valley College is a community service – open to everyone. Counsellors are available weekdays and most evenings throughout the year.

Health Services: Students who become ill during the college day may go to the Students Services Centre for assistance. Ambulance service to hospitals near the campus is available. Students should ensure that they have appropriate medical insurance coverage.

Housing: Since Fraser Valley College is a community college, no student residences are maintained. However, the Students Services Division does provide a list of accommodations available in the Chilliwack and Abbotsford area to interested students. The college makes no recommendations regarding the quality of the accommodation, nor does it enter into

contracts or disputes between landlords and tenants.

Learning Assistance: Personalized developmental and remedial programs are available to assist students to complete college courses. The Learning Assistance Centre is open on a voluntary, drop-in basis to students who wish help with study, reading, computation and writing skills. Professional help and tutorial assistance is available to students who have difficulty with their course work.

Parking: Free parking is provided at the core facilities in accordance with regulations issued to students before the day of registration.

Student Activities: The college believes that participation in cocurricular activities enhances the quality of student life. A diversified program of special events, community service clubs, sports, concerts, speakers, and social activities is planned each semester by students working closely with a Student Activities Coordinator.

Student Government: The Fraser Valley College Student Association is the governing body for students enrolled in the college. All students enrolled in credit courses are members of the Association. There are no membership fees. Through the Association and its elected officers, students organize programs of cocur-

ricular activities and events for the general welfare of students and the college. The Student Association is a means by which students may express opinions, interests and desires vital to a well-rounded educational experience.

Recreation: It is planned to offer a college recreation program which will provide physical activities for all students, regardless of age or physical condition. Emphasis will be placed on lifelong recreational pursuits such as hiking, tennis, golf, archery, curling, badminton, swimming and cycling.

Bookshop: A bookshop is located in each campus for the convenience of students and faculty. It supplies all textbooks and accepts special orders for other publications. The bookshop also maintains a collection of carefully selected titles in paperback edition. Stationery, laboratory supplies and drafting equipment are stocked, jackets, sweatshirts, crests, and jewelry will be available in college colours.

Cafeteria: Food services on both campuses provide students with hot lunches at reasonable prices.

“The limitations of our biological equipment may condemn us to the role of Peeping Toms at the keyhole of eternity. But let us at least take the stuffing out of the keyhole.”

— Arthur Koestler

VII. Is Financial Help Available?

Yes; and our counsellors will help set up those arrangements, too.

In the past year in B.C., grants to students more than quadrupled, from \$2.3 million to over \$10 million.

If you qualify for help – and the family income scale is very liberal – you'll get a \$200 grant from the provincial government. The rest of the assistance required according to the income scale will be split, half being provided to you as a grant, and the other half arranged as a Canada Student Loan.

The Student Loan is interest-free and repayment-free until six months after you stop being a full-time student.

Graduates of Mission Senior Secondary School proceeding to \$200 can compete for the Mission Rotary Club Scholarship of \$200.

Students at Fraser Valley College may compete for

Government of B.C. Scholarships worth \$100 per semester.

The B.C. Art Teachers' Association offers \$300 in scholarship monies for Grade 12 students who continue their art education at college.

The Institute of Chartered Accountants of B.C. offers three \$250 scholarships to Grade 12 graduates.

Students proceeding from Fraser Valley College to further studies at Simon Fraser University can obtain scholarships from that University in amounts ranging from \$75 to \$300.

The Sons of Norway Foundation offers three \$300 scholarships to eligible members of their lodges in B.C.

The Vancouver Sun offers three \$250 scholarships each year to Grade 12 students who have been Sun carriers who qualify.

A fund has been established at Fraser Valley Col-

lege to which students can apply for short-term loans to assist them with college expenses when they cannot find funds from any other source. Loans should be repaid by the borrower as soon as possible so that the

money can be recirculated to other students needing assistance.

Our counsellors have full details on these offers and other forms of assistance available.

“Education is a succession of eye-openers, each involving the repudiation of some previously-held belief.”

VIII. Can I Transfer Credits From Other Institutions?

Students who have attended recognized post-secondary institutions or have undertaken special training in a skill area may be able to transfer credits to the college to meet requirements for a diploma or certificate. Normally students may transfer a maximum of half of the credits needed to qualify for graduation on a Fraser Valley College program.

Transfer credits granted will be indicated in the letter of acceptance and will be recorded on the permanent record. Transfer credits accepted by Fraser Valley College may not necessarily be accepted by employers or other institutions. Students should be aware that transfer credits may not be used towards awards which require a full course load.

**“Education is what survives when
what has been learnt has been for-
gotten.”**

— B. F. Skinner

IX. Can I “Challenge” The College?

In some courses, yes.

“Challenge” means that a student who feels able to demonstrate mastery of the objectives of a course takes the final examinations or other appropriate test;

if successful, grades are entered on the permanent record of the student, upon payment of the regular course fee. These grades are used in calculating course load and grade point average.

X. Are There Enrollment Limitations?

The college may have to limit enrollment in some programs or courses, or to cancel or revise some of those listed.

Courses listed in this catalogue represent the college curriculum for this year. Not all courses will be

available in every semester.

It is anticipated that new courses and programs will be added to the curriculum before the next edition of this catalogue.

Consult your counsellor for up-to-date information.

“The world is a mystery. This, what you’re looking at, is not all there is to it. There is more to the world, so much more, in fact, that it is endless.”

— don Juan Matus

XI. What Else Is There At Fraser Valley College?

Learning Resources Centre: Each campus of the College is served by a new, but rapidly growing, Learning Resources Centre, offering an up-to-date collection of both print and non-print materials including books, magazines, pamphlets, maps, films, slides, tapes, etc.

Full access to the vast collections of all the other College, University and public libraries in B.C. is provided via inter-library loan.

Audio-visual equipment is available for use, in or out of the Learning Resources Centres, as are limited production facilities.

An experienced and interested staff is on duty during college hours.

Students, and all other members of the community, are invited to use the Learning Resources Centres for personal leisure and study as well as for course-related work.

**“The one real object of education
is to leave a man in the condition
of continually asking questions.”**

— Bishop Creighton

XII. Calendar of Events

June 3 - August 29	Pre-registration
Sept. 2-5	Registration and counselling
Sept. 8	Classes commence *
Oct. 13	Thanksgiving Day (college closed)
Nov. 11	Remembrance Day (college closed)
Dec. 20	Christmas holidays begin
Jan. 5-9	Registration and counselling
April 6	Good Friday (college closed)
April 19	Easter Monday (college closed)
April 23	Last day of classes
May 3	Summer intensives begin
May 17	Victoria Day (college closed)
July 1	Dominion Day (college closed)
July 2	Summer intensives end

* - most classes, including university transfer, college foundations, and career programs start this date. Other classes may begin at any time.

“The true purpose of education is to cherish and unfold the seed of immortality already sown within us.”

— Anna Jameson

XIII. Community Education

The Community Education Program is an extensive program of courses in many subject areas, formerly classified as “adult education” or “night school” programs. Community Education courses are offered on a part-time or short-term basis in various community buildings in both day and evening.

The college wishes to serve citizens of all ages in all parts of the community, and therefore looks to local groups and individuals for ideas and assistance in program planning. It also hopes to co-operate with community agencies in organizing and co-sponsoring courses, and therefore encourages their participation, as well as that of interested individuals, in Advisory Committees set up to help college personnel in planning and preparation of courses.

Community Education courses will be offered in all centres of the college region and will include courses in areas such as the following:

Fine Arts
Manual Skills

Activity Courses
Home Arts

IDEAS AND INSTRUCTORS ARE WANTED:

Contact your local Fraser Valley College Community Education representative.

Farm Programs
Safety Programs
Conversational Languages

Hobbies and Crafts
Self-Improvement
Women's Studies

Individual listings with time schedules will be published in local papers one to two weeks before the opening dates.

**“There are worlds upon worlds,
right here in front of us. And they
are nothing to laugh at.”**

— don Juan Matus

XIV. Special Events Program

From time to time, the college will sponsor, or co-sponsor special events such as performances, workshops, short courses or seminars in the fields of music, drama, films, or the arts. Events will be announced individually several weeks prior to their presentation.

Any community group wishing to work with the college in sponsoring such an event is asked to contact their local Fraser Valley College Community Education representative, or the college's co-ordinator of Special Events.

**“It is ideas, not vested interests,
which are dangerous for good or
evil.”**

— John Maynard Keynes

XV. College Foundation Program

In order to provide a truly open door to learning, Fraser Valley College has a broad College Foundations Program, which allows individuals to develop their basic skills, obtain a high school equivalency diploma or prepare for any of the other courses in the college.

The foundations program offers courses for both full and part-time students and can be of particular value to those who lack certain prerequisites or for those who have been away from school for some time.

Evening College Foundations Program courses include:

1. Basic Skills: English and Arithmetic; prepares an adult student for the Foundations 1 program. It is designed for those adults who have been away from formal learning for some time or require more background in the basic skill areas.

2. College Foundations: Level 1 (Grade 10 Equivalent); consists of English 10, Science 10, General Math 10.

3. College Foundations: Level 2 (Grade 12 Equivalent); consists of English 12, Social Studies 11 and five courses, 3 of which must be number "12" (note: it may be necessary to take prerequisite courses before attempting the "12" level courses).

Day-time College Foundations courses include:

1. "Basic Skills" upgrading courses to allow individuals to upgrade themselves in as short a time as possible as a means to ward immediate employment of further education. There are two levels of "Basic Skills" courses offered by Fraser Valley College. The first is called BTSD III (Basic Training for Skill Development) and is designed to develop the basic skills of English, Math and Science to about the grade

10 level, which is adequate for transfer to some other Fraser Valley College courses. The second level is called BTSD IV and is designed to develop the basic skills of English, Math and Science to about the grade 12 level, which is adequate for transfer to most other Fraser Valley College courses. Applicants may wish to discuss the possibility of Manpower sponsorship for BTSD III or IV with their local Canada Manpower Centre.

2. Other, more specialized, College Foundation Program courses will be offered as the need arises. In order to decide what courses would be most appropriate, evaluation of previous education or experience and testing of present skill levels can be arranged. For advice on these and other Foundations services, please

contact the Fraser Valley College Student Services Department.

3. General Education Development Tests: (G.E.D. Tests)

These tests are made available by the B.C. Department of Education. They are designed for those adults who did not complete Grade 12 graduation and who wish to have the opportunity to write this series of five exams. These tests can be written at the Fraser Valley College.

If successful on these exams, the student will be awarded a certificate of Grade 12 Equivalency from the Department of Education. For further information, and application forms please contact the College offices.

XVI. Career Programs

BASIC FARRIER TRAINING

The light horse industry of Western Canada is experiencing an unprecedented increase in the number of people interested in horses for relaxation, recreation, and business.

To meet the increasing need for trained and competent persons to care for the animals, the Farrier Training Program has been established.

The course will offer a detailed study of the fundamentals of the trade, which will provide the trainee with the skills to continue in the trade, perhaps under supervision of a qualified farrier.

Course Content

Classroom theory covers the anatomy and physiology of horses' feet and legs, horse psychology, and the use of physical means of restraint. Students also study interpretation of customers' needs, safety practices, public relations, and their relationship with veterinarians and the Canadian Farriers' Association.

The study of metals, selection and use of appropriate tools, and an examination of different types of forges and farrier materials are also undertaken.

The modern, well-equipped training shop in Chilliwack provides the students with an opportunity to learn techniques of handling tools, forge work, making and preparing shoes for normal and abnormal conditions. Practical aspects of the course will involve trimming, fitting, and shoeing horses feet, both in the shop and in the field.

Requirements for Admission

Applicants must be eighteen or over and physically suited to this strenuous occupation. They must have some previous experience with horses. Applicants must enjoy meeting people and be capable of operating their own business. Successful applicants are required to have a medical examination before the course starts. Anti-tetanus shots will be given.

The trainee must purchase his or her own tools and will therefore finish the course fully equipped. Estimated cost of these tools is \$250.

Dress which would interfere with the progress or safety of the student will not be permitted. Trainees with long hair will be required to wear hair restraints, and beards must be trimmed to a safe length.

Commencement and Completion Dates (Tentative)

August 4, 1975 - December 19, 1975.

January 5, 1976 - May 21, 1976.

Fees

\$15 per month

\$10 tool deposit (refundable)

Advisory Committee

Mr. G. Cruikshank

Mr. D. Yardley

Mr. Brian Nelson

Mr. J. Meredith

Mr. R. Dawson

Mr. R. Jeffrey

Mr. W. Irwin

Ms. Joy Richardson

Mr. R. Scheirs

BUSINESS MANAGEMENT PROGRAM

The accelerating development of scientific knowledge and of the behavioural sciences increases the complexity of modern business management. In order to compete, the prospective business manager must not only be intelligent and hard-working, but also have a good business education.

This program is designed to give the student a solid educational base on which to build a career in management. It stresses practical management skills, an applied approach to business education and fundamental business theory which can be applied in day-to-day realities.

The course offered by Fraser Valley College is equivalent to a similar business management course offered at B.C. Institute of Technology. It meets first-year requirements for three management technologies: administrative management, financial management, and marketing management. The student can then complete the second year of studies at B.C.I.T. in any one of these three fields.

Students may enroll in individual business management courses without having to take a full program. This may be of interest to students who wish to complete educational requirements for other degrees or diplomas (e.g., B.Comm., C.A., C.G.A., R.I.A., I.C.S.A., A.P.A., etc.), since several courses are transferable to other educational programs.

Course Content

SEMESTER I

Course No.	Course Name	Hours
Bus 301	Introduction to Business	3
Bus 311	Accounting I	4½
Bus 321	Organizational Behaviour & Applied Psychology	3
Bus 331	Basic Business Mathematics	4½
Bus 310	Intr. to Data Processing	3
Bus 341	Intr. to Marketing & Sales	3
Bus 351	Business Communications I	3
Bus 361	Applied Business Economics I	3
	Library & Research	6

SEMESTER II

Course No.	Course Name	Hours
Bus 302	Management in Industry	3
Bus 312	Accounting II	4½
Bus 322	Human Relations in Management	3
Bus 332	Basic Business Statistics	4½
Bus 320	Credit Management	3
Bus 342	Marketing & Merchandising	3
Bus 352	Business Communications II	3
Bus 362	Applied Business Economics II	3
	Library & Research	6

Requirements for Admission

Since the business management programs are very demanding on the student, it is recommended that candidates for this program have completed Grade 12 on the academic program. Mathematics 11 is a specific prerequisite.

Students who feel that they lack the necessary prerequisite education, are advised to consult with the Counselling Department regarding basic academic and refresher courses.

Commencement and Completion Dates

September 8 - December 19, 1975; January 12 - April 23, 1976. This course lasts two semesters (30 weeks).

Fees

Full-time students, each semester \$100.

Employments Prospects

Students who successfully complete the first year business and management program are guaranteed entry at a 2nd year level to any of the three options at the B.C. Institute of Technology.

In the past, students who successfully completed the two-year business management technology program at B.C.I.T. have been highly in demand.

COURSE DESCRIPTIONS

Business 301 — Introduction to Business

A survey of basic organizational and operational methods in small and large businesses to help the student understand the relationship between forms of ownership and company objectives. Topics include forms of business ownership, principles of management, personnel, labour relations, fundamentals of finance, production, office procedures and administration. Case studies will be used to enable the student to utilize the material in more pragmatic form.

Business 302 — Management in Industry

This course is a logical sequel to Business 301, and covers in more detail the managerial activities involved in operating a business enterprise. Case studies will be used to enable the student to utilize the material in more pragmatic form.

Business 311 — Accounting I

Introductory accounting which covers the procedures leading up to the preparation of financial statements, journals, ledgers, adjusting and closing entries, post-closing trial balances, income statements and balance sheets. Principles, concepts underlying the accounting process are a crucial part of this course.

Business 312 — Accounting II

This course is a logical sequel to Business 311 (I). It covers the analysis of accounting for cash receivables, inventories, manufacturing statements, plant and equipment, natural resources, intangibles, with current financial statement disclosure. Partnership accounting procedures. Corporation accounting procedures.

Business 321 — Organizational Behaviour and Applied Psychology

An introduction to the role of the supervisor and manager in organizations. The course examines human factors which influence organizational effectiveness, such as adaptation, motivation, communication, authority, leadership, and decision making.

Business 322 — Human Relations in Management

This course is a sequel to Business 321 and broadens and intensifies the coverage of topics studied in it. Case studies form a major part of this course.

Business 331 — Basic Business Mathematics

The mathematics of finance and investments; applications of simple and compound interest; problems in real estate, insurance, depreciation, amortization, sinking funds, bonds, and financial ratio analysis are studied.

Business 332 — Basic Business Statistics

Studies the theory and techniques of compiling, presenting, and interpreting data for decision making in business. Measures of central tendency and dispersion, sampling techniques, intervals. Analysis of time series for trend, seasonal and cyclical fluctuation. Correlation and regression for forecasting purposes. Indexing and statistical quality control.

Business 310 - Introduction to Data Processing

This course provides a general orientation to the computer, what it is, how it functions, its capabilities and limitations. It examines its impact on business operations. Input - output media such as punched cards, paper tape, magnetic tape, discs, drums, data cells are discussed. Various levels of programming language are briefly examined along with the advantages and disadvantages of each. Problem solving primarily of a business nature is all undertaken in some sample projects.

Business 320 - Credit Management

A study of various types of credit and their use in business enterprise. Optimum use of credit from the lender and borrower's standpoint is studied. Credit management techniques such as sources of information, lending policy, collection techniques, are an important part of this course.

Business 341 - Introduction to Marketing and Sales

An introductory survey course which examines the marketing environment. The course examines the fundamental principles and concepts underlying the selling of consumer and industrial goods and services. A preliminary familiarization with market research, product planning, selection of trade channels, merchandising, advertising, pricing, promotion and selling techniques.

Business 342 - Marketing and Merchandising

This course is a logical sequel to Business 341 and broadens and intensifies the coverage of topics studied in it. Case studies form a major part of its content.

Business 351 - Business Communications I

Recognizing that effective communication is a crucial factor in successful management. This course gives equal emphasis to oral and written work by the student. The aim is to provide the student with a lucid and effective method of expressing himself in sales letters, memorandums, resumes, operational, performance and financial reports. Spoken presentations by students are an important part of the course.

Business 352 - Business Communications II

This course is a logical sequel to Business 351 and broadens and intensifies the coverage of material studied in that course.

Business 361 - Applied Business Economics I

The course is concerned with basic concepts of demand and supply, the theory of the firm and the distribution of income. It examines various states of the market; competition, oligopoly, monopolistic competition and monopoly on a macro economic level. It covers national income calculations, and the Keynesian model.

Business 362 - Applied Business Economics II

This course is a logical sequel to Business 361 and the principles learned therein are applied to the Canadian economy and its effect on business. Inflationary pressures, employment, foreign trade, fiscal and monetary policy consequences to the business firm. The economic consequences of increasing unionization and big business. Labour unrest and automation. The economic costs and benefits of a cleaner environment.

“My sons are my brothers”

—Rollo May

CERTIFICATION FARRIER TRAINING (*Tentative*)

A 120-hour program to upgrade practicing farriers to the journeyman level required by the industry. Successful students will receive a college certificate, and will be eligible for membership in the Canadian Farriers' Association.

Course Content

Horse anatomy and function in relation to soundness, conformation faults pertaining to gate, and handling problem horses; specialized shoeing and forging techniques and corrective hoof trimming; shoeing different types and breeds of horses; how to operate a business and maintain a set of books.

Requirements for Admission

- (a) Basic Farrier Training Course and at least one year experience as a full-time farrier, or
 - (b) several years of experience in the farrier trade, a knowledge of forging techniques, and demonstrated capabilities in the handling and shoeing of horses.
- Students provide their own hand tools.

Commencement and Completion Dates

This course will be offered on the basis of need. Apply to the college, and a program will be set up when there are enough applicants.

Fees

\$15 per month

**“An educated man is one who can
give directions without taking his
hands out of his pockets.”**

—Mark Twain

COOK TRAINING

The preparation of a meal is an art which requires a personal touch in assembling ingredients.

This course provides basic training for persons interested in a career in the food catering industry. Personal cleanliness, sanitation, and proper storage of food are emphasized throughout the course.

Uniforms are supplied and laundered during training.

Course Content

Trainees are taught how to plan menus; compatible food combinations; nutrition; quantity cooking; how to carve meat and poultry; and methods of utilizing left-overs. A portion of the course is given to salad and sandwich preparation and short order grill work, which are areas of specialized employment in larger eating establishments. The economics of a business and cost control are covered.

Requirements for Admission

Minimum education is grade 10. It would be to the applicant's advantage, both on the course and in securing employment, to have completed grade 12 on the Community Services Program with Foods Speciality.

Adult applicants who lack the minimum education but have worked several years, may be able to use their experience in place of education. Applicants must be of good health, with a sincere interest in this trade and with the determination to succeed. All applicants for this course are required to present a Health Certificate and show proof of a recent chest X-ray.

Commencement and Completion Dates

Students will be accepted into this program in September 1975, December 1975, March 1976 and June 1976. The full program will be about eleven months. Students can take part of the program and specialize in an area such as Short Order Cook.

Fees

\$15 per month - tuition
\$15 textbooks and supplies
\$10 tool deposit (refundable)

Employment Prospects

A wide selection of opportunities throughout British Columbia await the trained cook: logging and mining camp kitchens for those who wish to escape the congested urban areas, trains and boats for those who enjoy travel, resort areas for sun lovers, and numerous opportunities locally in restaurants, lunch counters, hotels, delicatessens, hospitals and institutions.

Advisory Committee

Capt. W. Edgson
Mr. G. S. Parslow
Mr. J. S. Ryan
Ms. K. Berg

Mr. K. Ritter
Mr. R. Gotzke
Mr. H. Klassen
Mr. D. Franklin

DAYCARE WORKER — SUPERVISOR TRAINING

The need for qualified adults to work with young children in daycare centres and other pre-school facilities has increased significantly in recent years. To meet this need, Fraser Valley College offers a one year (two semester) Daycare Worker Certificate Program which prepares women and men for employment in daycare centres, nursery programs and private kindergartens.

This program is approved by the Community Care Facilities Licensing Board, which registers graduate students for supervisory status.

The focus is on development of career competence of the graduating student. Theoretical material is closely integrated with the important experience of the field practicum.

Students spend approximately sixteen hours per week in direct involvement with young children, under the guidance and assistance of supervisors and college instructors.

SEMESTER I

Descriptive Title	Credits
Child Growth & Development (Introduction)	3
Working With Children (Introduction)	3
Day-Care Practicum (16 hours weekly)	16
Human Relations - Emotional Growth	3
Career Communications	3
Workshop Seminar (Introduction)	3

SEMESTER II

Child Growth & Development (Advanced)	3
Working with Children (Advanced)	3
Workshop Seminar (Advanced)	3
Day-Care Practicum (16 hours weekly)	16
Human Relations - Emotional Maturity	3
Applied Communications	3
Block Placement (2 weeks)	40

The above program may be modified in the light of employment opportunities, licencing procedures and college policy.

Requirements for Admission

Applicants must be in good health, with vigor and stamina and must exhibit an adequate level of emotional stability and personality flexibility. A medical report on these qualifications is required.

Age, educational background, and life experience are considered in selection. References from two persons (other than relatives) familiar with the applicant’s relevent experience in working with young children must be available at the interview.

Enrollment in the program is limited to twenty in each area. One serving the Eastern region centered in Chilliwack, and the other serving the Western region centered in Abbotsford.

Commencement and Completion Dates

September 8 - April 23, 1976 (Two semesters)

Students should apply early. If space restrictions prevent immediate enrollment of all approved candidates, names will be placed on a waiting list and these persons will be eligible to enrol in evening courses on a part-time basis. The regular course is two semesters (thirty weeks).

Fees

Full time students, each semester \$100. Part time \$27 for each 3 credit course per semester.

Employment Prospects

There are currently about 20 daycare and preschool centres in the college region. Some of these are understaffed or operating with underqualified staff. Communities in the Interior and Northern B.C. are experiencing difficulties in obtaining qualified daycare staff. Employment prospects are good.

Advisory Committee

Ms. J. Wick
Ms. B. Bray
Mr. S. Capenhurst
Ms. G. Capenhurst
Mr. G. Bleasdale
Ms. K. Peterson

Ms. L. Bleasdale
Mr. H. Klassen
Ms. L. Ralston
Ms. E. M. Dewar
Ms. E. Dueck

COURSE DESCRIPTIONS

Daycare 301 — Child Growth and Development — Introductory

Provides students with necessary background knowledge of the general principles of child growth and development from conception to middle childhood. Introduction to some basic research methods used in child study.

Daycare 302 — Child Growth and Development — Advanced

Investigation of theories regarding the development of personality from infancy to middle childhood. The importance of the developmental sequence and personality integration is emphasized. Techniques for recognizing and assessing personality's strengths and weaknesses in young people are studied.
Prerequisite: Daycare 301.

Daycare 311 — Working With Children — Introductory

Enables trainees to acquire basic skills and techniques in planning and implementing developmental programs and guidance methods for young children.

Daycare 312 — Working With Children — Advanced

Students acquire further skills, knowledge, and attitudes that will enable them to plan a physical and social environment conducive to support and development of the young child's total personality.
Prerequisite: Daycare 311.

Daycare 321-2 — Daycare Practicum

Offers students direct experience and involvement with young children in a diversity of field placement centres, including exposure to representative (realistic), and non-representative (ideal), day-care and pre-school settings.

Daycare 331 — Workshop Seminar — Introductory

Students participate in and plan various activities that are appropriate for use in day-care and pre-school centres. These include art and creative activities; music; rhythm and creative movement; science and social experiences; and communication through language and literature for young children.

Daycare 332 — Workshop Seminar — Advanced

Special attention to the utilization of play materials for the purpose of developing specific skills and interests in children. Prerequisite: Daycare 331.

Human Relations 301 — Human Relations — Emotional Growth

For those who want to be more effective in relationships with others. Normal physical, emotional, and mental growth taught from a social work viewpoint. Emphasis is on individual worth, individual ability to change, and a variety of techniques.

Human Relations 302 — Human Relations — Emotional Maturity

More effective relationships with others. Principles introduced in human relations - emotional growth will be expanded, integrated, and reinforced by examples. Emotional awareness of wants and needs of others is cultivated by studying principles involved in case records. Prerequisite: Human Relations 301.

Communications 301 — Career Communications

Covers the organization of factual material and its presentation in letters and reports according to accepted business and professional standards.

Communications 302 — Applied Communications

Directed to career students, this course gives experience in the application of oral and written communications skills to work situations. Includes persuasion and motivation strategies, conduct of and participation in business meetings, the arts of listening and observation, internal and external business communications. Prerequisite: Communications 301.

“A child can only take power to the degree he or she has developed a sense of responsibility.”

— Rollo May

DENTAL ASSISTANT CERTIFICATION (Tentative)

This is a part-time evening program to upgrade practicing dental assistants to the certification level. It uses a kit of learning materials and devices designed to permit the learner to achieve at her or his own rate. There is also a substantial number of hours devoted to classroom lectures and laboratory and clinical instruction. Clinical instruction will be given in local dental offices, under the supervision of dentists who are part-time faculty of the College.

Course Content

Since students in this program already have experience, they will be required to study only those additional skills which they require to achieve Certification. Topics offered to the student will include chairside assisting; x-ray techniques; first aid; equipment and dental materials; anaesthesia; bacteriology; pathology; pharmacology; office procedures; record keeping; speciality techniques; intra-oral procedures and safety education.

The program has the approval of the College of Dental Surgeons of B.C.

Requirements for Admission

An applicant for this program must have been employed as a dental assistant for a year, and must be continuously so employed during the program.

There are no minimum education requirements, but students not having completed high school Biology may experience some difficulty. Candidates in this position are advised to contact the counselling services of the college for upgrading courses in Biology.

Commencement and Completion Dates

There are a number of centres in the community where employment counselling skills are required. Personnel offices of private industry, Canada Manpower centres, Outreach offices, and Community Services offices may provide sources of suitable employment.

Fees

\$15 per month.

Advisory Committee

Ms. Joan Conklin
Ms. Rene Brandt
Dr. Walter Sussel

Dr. W. Irons
Mr. Harold Klassen

**“The universe is change. Our life
is what our thoughts make it.”**

— Marcus Aurelius

HUMAN SERVICES TECHNOLOGIES

A program to give graduates the skills and knowledge for employment at a para-professional level in a broad spectrum of human service careers.

A Human Services Para-professional has skills of working with people, singly or in groups; ability to communicate, assess and influence; knowledge of human behavior in society, of group dynamics and social processes, of methods of observation and assessment; and attitudes of compassion, respect for individuals and for individual and group differences, and an appreciation for the capacity for change.

Students in this technology may select options which lead to a certificate or a diploma in one of the six career fields listed below:

COMMUNITY SERVICES LEADER

This one year certificate program prepares a student to function in a wide variety of community settings. As a para-professional or volunteer, the graduate may function as a Community-Development worker or give direct services; may establish a volunteer bureau, act as a co-ordinator, participate on a survey research team, or learn skills appropriate to public office such as school trustee or hospital board member.

Course Content

In addition to the basic courses in Human Services Technology, the student may select options such as Community Resources, and will participate in community-service field work.

Requirements for Admission

Applicants must be in good health, and exhibit an adequate level of emotional stability and personality flexibility. A deep interest in the welfare of human beings is essential.

Commencement and Completion Dates

September 8 - December 19, 1975; January 12 - April 23, 1976.

Fees

Full-time students: each semester \$100.

Employment Prospects

With the rapid growth of community service centres in the province, there is an increasing need for trained and competent personnel. On-the-job experience, which is part of the program, will assist the student in eventual placement.

CORRECTIONS SERVICES OFFICER

With the advice and assistance of an Advisory Committee made up of representatives from both the federal and provincial corrections systems, Fraser Valley College is drawing up a Corrections Services Officer training program for both full-time and part-time students. It is anticipated that the courses in the program will be transferable to Corrections and Criminology programs at other educational institutions.

Contact the college counselling offices for more information.

EMPLOYMENT COUNSELLING AIDE

Designed to train at the para-professional level to assist professional employment counsellors. It prepares the student to help people with employment and career problems.

Course Content

This two-year diploma program is made up of basic Human Service courses plus special options related to the employment counselling field. Extensive field work assignments to gain first-hand experience.

Requirements for Admission

Applicants must be in good health and exhibit an adequate level of emotional stability and personality flexibility. A deep interest in the welfare of human beings is essential.

Commencement and Completion Date

September 8 - December 19, 1975; January 12 - April 23, 1975.

GERONTOLOGY AIDE

This is a two-dimensional program to train people to serve the aged. The student will study the material, social, psychological and biological processes of aging, including preparation for death. In addition, the program will provide the student with skills for working with the aged in our communities.

Course Content

In addition to basic courses in human services technology, students will in this two-year program study such options as recreation, psychology and sociology of the aged, and administration of senior citizen centres and institutions.

We hope that the aged themselves will become dynamically involved in the program. Field work will be a source of considerable enrichment in the program, and there will be much interaction between young and old.

Requirements for Admission

Applicants must be in good health, and exhibit a high level of emotional stability and patience. They should possess educational background and life experience to enable them to deal successfully with the difficulties presented by working with the aged.

Commencement and Completion Dates

September 8 - December 19, 1975; January 12 - April 23, 1976.

Fees

Full-time students, each semester \$100.

Fees

Full-time students: each semester \$100.

Employment Prospects

There are a number of centres in the community where employment counselling skills are required. Personnel offices of private industry, Canada Manpower centres, Outreach offices, and Community Services offices may provide sources of suitable employment.

Employment Prospects

The aged in Canada (those sixty-five years of age or over) presently account for about 10% of the national population. As well as having material needs, this group has specific social and psychological needs. Loss of spouse, friends, job, and children (in a sense), all require adjustments and redirection on the part of the aged.

Employment in hospitals, extended care units, residences for the aged, and as a part of a community services team, are increasing as governments and other agencies show increased concern for the aged.

Nowhere else in Canada is there a comprehensive career program for people wishing to work for or with the aged.

MENTAL HEALTH AIDE

Students wishing to specialize in this field will take the basic core courses in Human Services Technology, and in addition, will attend seminars and select electives dealing directly with mental health studies. Field assignments will enable the student to obtain first-hand knowledge of this human service career.

Course Content

In addition to courses in the social sciences and human behaviour, students will study community agency dynamics and abnormal psychology. Field experience will be provided in homes for the mentally handicapped, half-way houses and other community institutions.

Requirements for Admission

Applicants must be in good health, and exhibit a high level of emotional stability and personality flexibility. Age, educational background, and life experience of the applicant are considered in the selection of candidates.

Commencement and Completion Dates

September 8 - December 18, 1975; January 12 - April 23, 1976.

Fees

Full-time students: each semester \$100.

Employment Prospects

The program gives training and skills to become immediately employable as a human services para-professional in the mental health field. An increasing number of communities throughout the province are operating group homes and half-way houses for juvenile and adult offenders, drug abusers, and foster-children, giving rise to increasing needs for qualified and competent staff.

SOCIAL SERVICES AIDE

This program prepares people for employment in the field of social services. Graduates perform many of the services formerly carried by professional social service workers, who are thus freed to perform services for which they were trained.

Course Content

In addition to the basic core of Human Services Technology courses, students will take specific courses in each semester dealing with social services and the social welfare administration. Extensive field-work assignments enable a student to gain first hand experience.

Requirements for Admission

One of the primary qualifications is personal suitability. Since employers require a pronounced degree of maturity and prefer some background experience, applicants should have at least two years' work experience beyond senior secondary school, some of which should be related to social welfare on either a paid or voluntary basis.

Completion of grade 12 is the general prerequisite, but applicants with less than this standing and some suitable related experience, may be accepted.

Applicants should be able to provide two letters of reference, and a medical certificate. Applicants will have to be interviewed by faculty members in charge of the program.

Commencement and Completion Dates

September 8 - December 19, 1976; January 12 - April 23, 1976.

Fees

Full-time students: each semester \$100.

Employment Prospects

Career opportunities are becoming available in several areas:

- (a) Administering programs in public welfare agencies.
 - (b) Assistants and workers in institutions or group homes.
 - (c) Working with patients in chronic-care hospitals.
 - (d) Assisting professional social workers in specific assigned tasks.
-

**“Thoughts that come with doves’
footsteps guide the world.”**

— Nietzsche

MILKER TRAINING

The program is designed to train qualified milkers for the dairy industry, and to develop in the students a keen interest in the future of the industry; it uses classroom instruction, field trips, assignments, and practical farm experience.

The general objectives of the program are‘

1. To train students in milking methods, milk handling, dairy cattle health, and related skills.
2. To develop in students a keen awareness of the importance of sound herd management.
3. To develop interest and pride in dairying as a career.

Course Content

The training period is divided into two parts: the first three weeks are spent in class for orientation, and basic training. The final thirteen weeks of the program are divided: each day the student spends approximately two hours in class and four hours receiving practical instruction on a farm.

During the training program students will spend time on different farms in order to gain experience with different types of milking machines, different breeds of cows, and differing management techniques.

Requirements for Admission

Preference will be given to students who already have demonstrated an interest in, and a commitment to, farm work.

The course is also open to persons presently working in the dairy industry, who wish to participate in the class and theory sessions only.

Commencement and Completion Dates

It is anticipated that this program will be offered twice during the academic year, at times dictated by the needs of the dairy industry. Contact the college admissions office to obtain information on the availability of this training.

Fees

\$15 per month for full-time students.

\$10 per month for theory students.

Employment Prospects

Employment in the dairy industry is monitored by Canada Farm Labour Pool offices throughout the province. Training programs will be undertaken only when a need for the dairy farm workers is evident and graduates from this program should have no trouble finding a job.

Advisory Committee

Mr. K. Berger
Mr. P. Ewart
Mr. P. Friesen
Mr. J. L. Gilbert

Mr. J. L. Huitema
Mr. J. P. Jansen
Mr. E. Schwaerle

NURSING REFRESHER

To restore self-confidence, to update skills, to provide new skills, and to re-orient the individual to modern nursing procedures.

The training program is divided into three parts; classroom instruction, individual study, and clinical instruction. The classroom instruction will be carried out at one of the college campuses, and the clinical instruction will be given at Chilliwack General Hospital and/or the M.S.A. Hospital, Abbotsford.

Course Content

Contemporary nursing, review of basic nursing care measures, medications, metric system, pre- and post-operative nursing care, and related topics. Over half the time in the program will be spent in clinical practice in hospitals. Students should be prepared to work days, evenings, nights or weekends, to obtain clinical training.

Requirements for Admission

This program is open only to persons with a recognized degree in nursing.

Students must be willing to accept either part-time or full-time employment as a nurse upon completion of this program.

Students are also required to take part in a personal interview prior to acceptance into the program.

Commencement and Completion Dates

Commencement and completion dates associated with this program have not been set, since the program will be offered only when a need for training is evident in the Lower Mainland area. Students are advised to register in advance. The course lasts eight weeks (thirty hours per week).

Fees

\$170. Students who plan to work full-time upon completion of the course should apply to the local Canada Manpower Office for financial aid.

Employment Prospects

Graduate nurses not previously registered in B.C. and who have not practiced nursing in the past ten years, are required to take an approved refresher course if they wish to become members of the Registered Nurses' Association of British Columbia.

Since this refresher course will be offered only when there is a demonstrated need, employment for the graduates from the program should not be a problem. Persons wishing part-time work as well as those wishing full-time employment will benefit from this training.

Advisory Committee

Mr. D. Drew
Ms. B. Lord
Ms. E. Grant
Mr. C. McMurdo
Ms. L. Lennig

Mr. S. Worthington
Ms. A. Smith
Mr. R. Morris
Ms. P. Cutshall

OFFICE CAREERS

The Office Careers program consists of a common core of courses which are applicable to all the options in the office career program. The five training options available to students are: Clerk (general), Clerk-Stenographer, Clerk-Typist, Clerk-Bookkeeper, and Secretary.

The student who enters the program with no clear goal can train in the core courses and continue in these until an assessment of aptitude and interests is completed. Up to four weeks is recommended for assessment and evaluation.

A student who enters the Office Careers program with a clearly defined occupational goal trains in all of the courses specified for that option.

Students will be given full credit for pre-entry skills and knowledge, determined by appropriate pre-testing. Since the program is individualized to a great extent, students will proceed at their own learning rates.

CLERK (General)

This program is designed to prepare a student for clerical, typing and general duties in an office.

Course Content

Course Name	Credits
Typing I	3
Typing II	3
Business Machines	3
Business English	3
Office Practice	3
Dicta-Typing I	3

Requirements for Admission

Minimum requirement is Grade 10. It would be to the applicant's advantage, both on the course and in securing employment, to have completed Grade 12.

Adult applicants without the educational requirement but who have worked several years, may have their experience assessed in lieu of the stated educational minimum.

Commencement and Completion Dates

Since all Office Careers courses are individualized, students may begin training when they wish and when a space in the class becomes available. Training is complete when the student has achieved the level of skills required by the program.

There are, therefore, no set commencement and completion dates in this program, and the length of time a student spends in this course depends upon the skills the student has when starting the course, and the rate at which the student can acquire new skills.

The time required to complete the program is typically four months.

Fees

\$15 per month.

Employment Prospects

Employment prospects for general clerks are generally good, but depend very often on the nature of the individual student. Students with poise, a mature outlook, and a pleasant personality as well as adequate training are more likely to gain satisfactory employment.

CLERK-TYPIST

This program is designed to prepare the student for general clerical and typing duties.

Course Content

Course Name	Credits
Typing I	3
Typing II	3
Business Machines	3
Business English	3
Office Practice	3
Bookkeeping I	3
Bookkeeping II	3
Dicta-Typing I	3

Requirements for Admission

Educational requirement is Grade 10. It would be to the applicant's advantage, both on the course and in securing employment, to have completed Grade 12.

Adult applicants without the educational requirements, but who have worked several years, may have their experience assessed in lieu of the stated educational minimum.

Commencement and Completion Dates

Since all Office Career courses are individualized, students may begin training when they wish and when a space in the class is available. Training is complete when a student has achieved the level of skills required by the program.

There are, therefore, no set commencement and completion dates in this program.

The time a student spends in this course depends on skills upon entry to the course, and the rate at which the student can acquire the new skills required. The time required to complete the program is typically six months.

Fees

\$15 per month.

Employment Prospects

Employment prospects for clerk-typist are generally good, but depend very often on the nature of the individual student. Students who possess poise, a mature outlook, and a pleasant personality as well as adequate training are more likely to gain satisfactory employment.

CLERK-BOOKKEEPER

This course has been designed to teach persons how to record business transactions in a systematic manner, manually, and with the aid of machines.

Course Content

Course Name	Credits
Typing I	3
Typing II	3
Business Machines	3
Business English	3
Business English	3
Bookkeeping I	3
Bookkeeping II	3
Bookkeeping III	3

Requirements for Admission

The minimum educational requirement is Grade 10. It would be to the applicant's advantage, both on course and in securing employment, to have completed Grade 12.

Adult applicants who do not have the minimum educational requirement but who have worked several years, may have their experience assessed in lieu of the stated educational minimum.

Commencement and Completion Dates

Since all Office Careers courses are individualized, students may begin training when they wish and when a space in the class becomes available. Training is complete when the student has achieved the level of skills required by the program.

There are, therefore, no set commencement and completion dates in this program.

The length of time a student spends in this course depends upon the skills a student possesses upon entry to the course, and the rate at which a student can acquire the new skills required. The time required to do this usually is about six months.

Fees

\$15 per month.

Employment Prospects

As a rule, graduates of this course enter the field of employment in a junior capacity, and gradually progress to the intermediate and senior positions through initiative, on-the-job experience, and further training.

CLERK-STENOGRAPHER

This comprehensive program offers the student an opportunity to become a competent stenographer in a reasonable time.

Course Content

Course Name	Course Units
Typing I	3
Typing II	3
Business Machines	3
Business English	3
Office Practice	3
Shorthand I	3
Shorthand II	3
Dicta-Typing I	3

Requirements for Admission

Minimum educational requirement is Grade 10. It would be to the applicant's advantage, both on course and in securing employment, to have completed Grade 12.

Adult applicants who do not have the minimum education but who have worked several years, may have their experience assessed in lieu of the stated educational minimum.

Commencement and Completion Dates

Since all Office Careers courses are individualized, students may begin training when they wish and when a space in the class becomes available. Training is complete when the student has achieved the level of skills required by the program.

There are, therefore, no set commencement and completion dates in this program.

The time a student spends in this course depends upon the skills a student possesses upon entry to the course, and the rate at which a student can acquire the new skills required. The time required to do this usually varies from three to six months.

Fees

\$15 per month.

Employment Prospects

Employment prospects for clerk-stenographer are generally good, but depend very often on the nature of the individual student. Students who possess poise, a mature outlook, and a pleasant personality as well as adequate training are more likely to gain satisfactory employment.

SECRETARY

Secretaries have many varied duties to perform during the course of a working day, such as answering the phone, making business appointments for the employer, taking dictation and typing transcriptions, keeping records, answering routine mail, and performing receptionist duties.

Much of the work performed by a secretary is confidential; therefore, the person who follows this career must have the personal attributes of discretion, loyalty, and responsibility. She or he must be pleasant in manner, and efficient in all matters relative to the position.

Course Content

Course Name	Credits
Typing III	3
Dicta-Typing I	3
Dicta-Typing II	3
Shorthand III	3
Bookkeeping I	3
Business Communications	3

Requirements for Admission

The minimum educational requirement is Grade 10. It would be to the applicant's advantage, both on course and in securing employment, to have completed Grade 12.

Commencement and Completion Dates

Since all Office Careers courses are individualized, students may begin training when they wish and when a space in the class becomes available. Training is complete when the student has achieved the level of skills required by the program.

There are, therefore, no set commencement and completion dates in this program.

The length of time a student spends in this course depends on skills upon entry to the course and the rate at which a student can acquire new skills. The time required to do this is typically ten months.

Fees

\$15 per month.

Employment Prospects

Employment prospects for a secretary are generally good, but depend very often on the nature of the individual student. Students who possess poise, a mature outlook, and a pleasant personality, as well as adequate training, are more likely to gain satisfactory employment.

**“To sieze the flying thought before
it escapes us is our only touch with
reality.”**

— Ellen Glasgow

WELDING

Welding is an industrial art in a highly competitive field. It requires co-ordination of arms, hands, eye and brain.

Basic metallurgy, heat treatment, blueprint reading, plate and type layout, applied mathematics and principles of safety education are some of the technical subjects covered, and several welding procedures are applied to various types of metal.

The welding trade is universal in its application: construction welding appeals to some people because of the variety of working locations, while other welders prefer to remain in the industrial centres, where employment opportunities occur in practically every mechanical or metal trade.

PRE-EMPLOYMENT WELDING

Job training in arc and oxy-acetylene welding and blueprint reading.

This program is neither sufficiently long nor detailed to lead to a Basic Welding Certificate; however, welders trained in this program may have their training time credited toward the D.P.W. certificate.

Students who complete this program and a year or so of industrial experience, can be admitted to a Welding Upgrading program leading to their D.P.W. No. 3 certificate.

Course Content

Students will be introduced to different types of welding equipment, and receive instruction in sketching, blueprint reading, welding symbols and layout. Skills taught will include flame cutting, welding different types of joints, brazing, hard surfacing and gouging (arc-air).

Requirements for Admission

In addition to the general requirements for the college, students should have grade 10. It would be to the applicant's advantage, both on course and in securing employment, to have completed Grade 12 on the industrial program.

Applicants who do not have the minimum educational requirements, but who have worked for several years, may have their experience assessed in lieu of the stated educational minimum.

Applicants must be 18 or over, free from defects in vision, hearing, or breathing, and physically suited to the trade. Applicants for this course may be required to present a health certificate, and show proof of a recent chest x-ray.

Commencement and Completion Dates

The college will commence training when sufficient students have applied and when there are jobs in industry for the graduates. Interested students are advised to contact the College immediately to have their names placed on a waiting list.

It is expected that welding training will be offered about twice each year.

The training is carried on in the Matsqui Institution Shops, Abbotsford, on an evening shift (approx. 4:30 - 11:00 p.m.)

The course lasts five months (600 hours).

Fees

\$15 per month.

Employment Prospects

Training will be geared somewhat to the needs of industry, so students can reasonably expect to find suitable employment. However, students should be aware that employment opportunities exist in many parts of the province, and cannot always be found in the Lower Mainland.

WELDING UPGRADING

Welding Upgrading Training is confined to persons presently or recently employed in welding, who wish to improve their techniques or become proficient in special processes.

Persons requiring provincial government certification are required to apply to the Welding Inspector, Department of Works, for assessment of their credentials. The Inspector may stipulate a certain length of time for instruction before the test. The testing appointment will be arranged by the welding instructor of the College.

The primary purpose of this program is to prepare certification in the following categories: DPW #3, DPW #2, DWP #1, DPR #4.

Special courses may also be arranged for the following:

Tungsten Inert Gas (T.I.G.)

Semi-automatic Gas Metal Arc

Course Content

Basically the program is individualized, so the content of the course will depend on the needs of the student. Students should discuss their individual training needs with the Instructor before enrolling in the program.

Requirements for Admission

Extensive welding experience or formal welding instruction of several months duration combined with experience in industry.

Commencement and Completion

The Upgrading Program will be run intermittently throughout the year, so applicants are advised to contact the college Admission Office to register. Students will be notified when a training space becomes available.

Length of training time will be variable for each trainee, in accordance with the Welding Inspector's recommendation.

Fees

\$3 per day; \$12 per week; \$40 per month. There may be additional costs for such items as tools and book deposits, special clothing, etc. Details are available from the Admissions Office.

Extra fees are charged for testing and inspection.

Employment Prospects

Many jobs require specific certification, and so employment prospects usually improve with the higher certification possessed by the job applicant. Students prepared to travel to the more remote parts of the province and the country are more likely to gain suitable employment.

**“Experience is the child of Thoughts, and
Thought is the child of Action. We cannot
learn men from books.”**

— Disraeli

Fraser Valley College

University Transfer Offerings

1975 - 1976

Fraser Valley College will offer first and second year university courses in 1975/76. For transfer purposes, these courses are equivalent to courses offered at BC universities, and successful completion of them will enable the student to pursue a variety of degree objectives at the university of his or her choice.

In addition to BA and BSc programs, students can plan transfer programs for degree objectives such as Agriculture, Home Economics, Social Work, Education, Physical Education and Recreation Education, Forestry, Rehabilitation Medicine, Pharmacy, Law (pre-Law), Dentistry (pre-Dent), Medicine (pre-Med) and others.

If you're planning to transfer to a particular university, you should carefully consult the calendar of that university. FVC counsellors will assist you in making the correct selections.

Of course, while the college will do everything it can

to ensure that students are properly placed, the final responsibility rests with the student.

STUDENTS PLANNING TO CONTINUE THEIR EDUCATION AT ANOTHER INSTITUTION SHOULD INFORM THEMSELVES FULLY OF THE REQUIREMENTS OF THAT INSTITUTION.

Universities' requirements vary, but these are general standards at most institutions:

- no grades less than "C" are assured of credit.

- A cumulative grade point average of at least 2.0 is required.

- credit may not be granted for courses passed if the semester grade point average is less than 2.0.

- the student must have completed a full first year (30 credits)

Prospective Fraser Valley College students will be interested in a new teacher education program offered

through Simon Fraser University, known as the Professional Development Program (P.D.P.). Upon successful completion of two years of the university transfer program at Fraser Valley College students may be eligible for further study under P.D.P.

This program is operated in conjunction with the Chilliwack and Abbotsford school districts and in-

volves two semesters of observation and classroom experience in the schools of the districts, plus a third semester of educational theory taken at Simon Fraser University. Students successfully completing the program will qualify for a teaching certificate (Standard Certificate).

For further information, contact a college counsellor.

Discipline	Course Number	Semester(s) Offered	Course Title
Anthropology	Anth 101	Fall	Introduction to Physical Anthropology
	Anth 102	Spring	Introduction to Cultural Anthropology
	Anth 101	Fall	Indians of B.C.
	Anth 120	Spring	Culture and Environment
Biology	Biol 101	Fall and Spring	Principles of Biology
			Biosphere
	Biol 102	Fall and Spring	Principles of Biology
			Organism
Chemistry	Biol 211	Fall	Comparative Vertebrate Zoology
	Biol 212	Spring	Comparative Invertebrate Zoology
	Chem 101	Fall	General Chemistry I
	Chem 102	Spring	General Chemistry II
	Chem 111	Fall	Principles of Chemistry I
	Chem 112	Spring	Principles of Chemistry II

Creative Writing	CrWr 210	Fall	
	CrWr 220	Spring	
Economics	Econ 101	Fall	Principles of Macro Economics
	Econ 102	Spring	Principles of Micro Economics
English	Econ 101	Fall and Spring	The Canadian Economy
	Engl 100	Fall and Spring	Reading and Writing of Prose
	Engl 110	Fall	Introduction to Poetry and Short Stories
	Engl 120	Spring	Introduction to Longer Fiction
	Engl 130	Fall	Introduction to Drama
	Engl 140	Spring	Canadian Literature
	Engl 201	Fall	English Literature to 18th Century
	Engl 202	Spring	English Literature 18th to 20th Century
Fine Arts	Arts 101	Fall	History of Western Art To the 16th Century
	Arts 102	Spring	History of Western Art 16th to 20th Century
	Arts 101	Fall	Studio: Drawing
	Arts 102	Spring	Studio: Painting
	Arts 130	Fall	Studio: Sculpture
	Arts 140	Spring	Studio: Ceramics

French	Fren 101	Fall	Basic French I
	Fren 102	Spring	Basic French II
	Fren 111	Fall	French Language I
	Fren 112	Spring	French Language II
Geography	Geog 101	Fall and Spring	Weather and Climate
	Geog 102	Fall and Spring	Evolution of Earth's Surface
Geology	Geol 101	Fall	Physical Geology
	Geol 102	Spring	Historical Geology
German	Germ 101	Fall	Basic German I
	Germ 102	Spring	Basic German II
History	Hist 101	Fall	Canada 1763-1867
	Hist 102	Spring	Canada 1867-1967
	Hist 111	Fall	Europe 1900-1939
	Hist 112	Spring	Europe Since 1939
Mathematics	Math 101	Fall	Introduction to College Math
	Math 102	Spring	Introduction to Statistics
	Math 111	Fall	Calculus I
	Math 112	Spring	Calculus II
	Math 120	Fall	Introduction to Analysis
	Math 130	Spring	Introduction to Vectors and Matrices

Philosophy	Phil 100	Fall	Introduction to Philosophy
	Phil 110	Spring	Critical Thinking
Physics	Phys 101	Fall	General Physics I
	Phys 102	Spring	General Physics II
	Phys 111	Fall	Mechanics & Sound
	Phys 112	Spring	Light, Electricity and Magnetism
Political Science	PLSc 110	Fall and Spring	Government of Canada
	PLSc 120	Fall	Foreign Governments
	PLSc 200	Spring	Contemporary Ideologies
Psychology	Psyc 101	Fall	Introduction to Psychology
	Psyc 102	Spring	Introduction to Psychology
	Psyc 110	Fall	Child Development
	Psyc 120	Spring	Adolescent Psychology
	Psyc 201	Fall	Experimental Psychology
	Psyc 202	Spring	Experimental Psychology
Religious Studies	RISt 101	Fall	Western Religions
	RISt 102	Spring	Eastern Religions
Sociology	Soci 101	Fall and Spring	Social Processes
	Soci 102	Fall and Spring	Introduction to Social Theory
	Soci 210	Fall	Canadian Social Institutions
	Soci 220	Fall	The Role of Women
	Soci 230	Fall and Spring	The Family
Theatre	Thea 201	Fall	Introduction to Acting I
	Thea 202	Spring	Introduction to Acting II



ANTHROPOLOGY

"The proper study of Mankind is Man," said Alexander Pope.

That study is Anthropology: the evolution of man, the development of cultures, and the comparison of humankind's diverse cultural patterns.

From what is done similarly -- or differently -- in different societies, we discern the essential humanness of Humanity.

ANTH 101: Introduction to Physical Anthropology

(3 credits)

Physical anthropology and archeology have taught us much about evolution and about human societies of the past and present.

No prerequisite

ANTH 102: Introduction to Cultural Anthropology

(3 credits)

The basic concepts of the study: the societies, relationships and institutions of humankind; how people live in groups.

No prerequisite

ANTH 110: Indians of British Columbia

(3 credits)

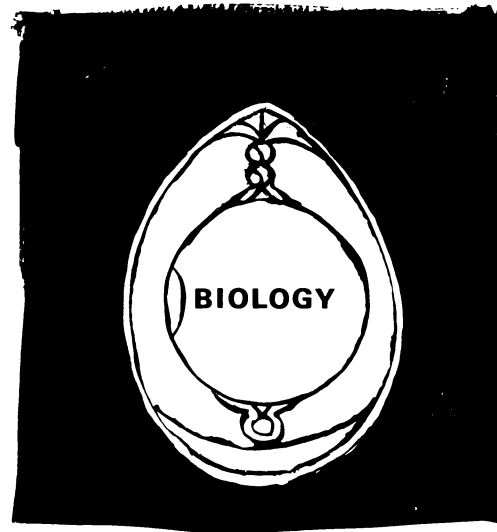
Art, culture and religion are activities that flourish with leisure time; possibly no people were ever as richly developed as the Indians who lived in the generous abundance of British Columbia. The societies of western Europeans, now embracing technological abundance, can learn much about how to live with leisure from these societies.

No prerequisite

ANTH 120: Culture and Environment

(3 credits)

Humans have flourished world-wide because they are perhaps the most adaptable of the higher animals; the very organizations of their societies are used to adapt them to survival in vastly varied environments.
No prerequisite



BIOLOGY

We have begun to learn that living things are interactive: each depends on several others. As the impact of our technologies becomes more and more massive, we urgently require a correspondingly better understanding of life. Biology is the science of life.

BIOL 101: Principles of Biology: the Biosphere

(3 credits)

An interactive web comprising all living things covers our planet with a thin envelope of life-stuff, of which we are all a part. That envelope is the 'biosphere'. Living beings in it affect one another, and are all affected by their physical environment.

No prerequisite

BIOL 102: Principles of Biology: the Organism

(3 credits)

The biosphere is the 'macro' study of life; the organism is the 'micro' study, from the development of individual organisms to the structure and function of the cell.

No prerequisite

BIOL 211: Comparative Vertebrate Zoology

(3 credits)

An introduction to vertebrate phyla and their evolution. A comparative study of vertebrate section, dissection, function and representative forms.

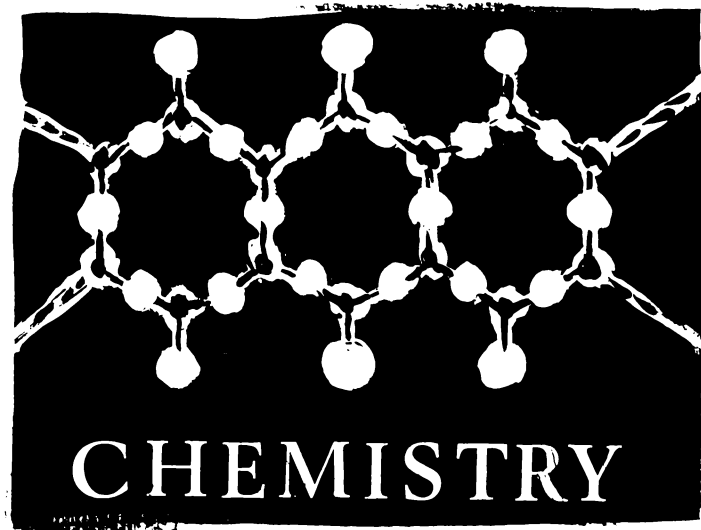
Prerequisite: Biol 101 and 102

BIOL 212: Comparative Invertebrate Zoology

(3 credits)

An introduction to invertebrate phyla. This course is done in co-operation with the Bamfield Marine Biology Station on Vancouver Island, and will, therefore, include a major field trip to the station.

Prerequisite: Biol 101 and 102



CHEMISTRY

The outer limits of chemistry defy demarcation, said Professor George D. Palmer; it underlies all other physical sciences, and in areas it merges with physics. It merges with Biology in bio-chemistry, with electronics in electro-chemistry, and so on.

CHEM 101 Chemical Principles I

(3 credits)

A study of the fundamental principles of chemistry; atomic structure; molecular structure and bonding; properties of gases, liquids and solids; solutions; and oxidation-reduction reactions.

Prerequisites: BC Grade 11 chemistry or equivalent

CHEM 102: Chemical Principles II

(3 credits)

A second course in fundamental principles of chemistry including electrochemistry, thermodynamics, chemical equilibrium and kinetics, fundamental principles of organic chemistry, and nuclear chemistry.

Prerequisites: BC Grade 11 chemistry or CHEM 101

CHEM 111: Principles of Chemistry I

(3 credits)

This course is intended for science and engineering students. Topics include atomic structure; molecular structure and bonding; gases, liquids and solids; solutions; and oxidation-reduction reactions. These topics and others are covered in depth.

Prerequisites: BC Grade 11 and 12 Chemistry or CHEM 102 or equivalent

CHEM 112: Principles of Chemistry II

(3 credits)

This course is intended for science and engineering students. Topics include electrochemistry; thermodynamics, chemical equilibrium and kinetics, organic chemistry and nuclear chemistry. These topics and others are covered in depth.

Prerequisites: BC Grade 11 and 12 Chemistry or CHEM 111



CREATIVE WRITING

ENGL 210: Creative Writing: The Short Story

(3 credits)

The essence of the short story is the isolation of a human experience from its setting, and the compression of time. A single event or sequence of events is plucked from the panoramic sweep of life, organized around a common thread and brought to a denouement.

In this workshop in the craft of short story writing, students examine the works of major authors, and are encouraged to write stories for evaluation.

No prerequisites

ENGL 220: Creative Writing: Short Story, Poetry, Drama and Novella

(3 credits)

The works of major authors in each form are examined, and through workshops and evaluations of the students' own work, the most promising genre for each student is identified and encouraged.

No prerequisites

ECONOMICS



ECONOMICS

ECON 101: Principles of Macro Economics

(3 credits)

The societies of man have grown around the exchange of goods; economic systems and money systems have been developed to make exchanges easier. This course has a national focus, looking at the components of national income, with emphasis on money and its role.

No prerequisite

ECON 102: Principles of Micro Economics

(3 credits)

This course looks at economics at the level of the individual or a single company, and at the function of the markets in which they operate.

No prerequisite

ECON 100: The Canadian Economy

(3 credits)

Canadians now face hard economic choices. We are a resource exporting nation; we are an industrial nation. Canada has grown through foreign investment; Canada's independence may be threatened by foreign investment. The regions of Canada range from industrial wealth to poverty.

This course examines these dichotomies, and the interplay of business, government and unions; of federal-provincial relations and of taxation policies.

No prerequisites

**“I go forth for the millionth time
to forge anew on the smithy of my
soul the uncreated conscience of
the race.”**

— James Joyce

ENGLISH

ENGL 100: Reading and Writing Prose (Communications)

(3 credits)

This course concentrates on the study of essays and of composition. Students are expected to revise essays to correct problems of composition.

No prerequisites

ENGL 110: Introduction to Poetry and Short Stories

(3 credits)

It has been said that the short story is the literary form most distinctively identified with the 20th Century. While the form goes at least as far back as Boccaccio's "Cecameron", it has certainly been refined in this century. Similarly, while poetry is more ancient than writing, in this century it has found new forms and new definitions, and has proliferated.

This course will help the student to read 20th century poetry and short stories with greater sensitivity and awareness, and to apply those insights to writing.

No prerequisites

ENGL 120: Introduction to Longer Fiction

(3 credits)

The novel and novella were virtually unknown before the Victorian era, but in recent times have become the definitive forms for examining aspects of the human condition through fictional settings.

ENGL 130: Introduction to Drama

(3 credits)

Drama has been woven into the fabric of all societies, from a religious rite in ancient Greece to social force in present Western Society. This course, with an emphasis on perception and participation in both seminar discussions and oral readings, explores the dilemma of man and his complexity, as revealed in representative works.

No prerequisites

ENGL 140: Canadian Literature**(3 credits)**

For the past century, the attention of English literature has been concentrated on the major publishing centres of England and the United States. But self-awareness has blossomed in all the different Canadian settings, and a rich variety of writers has flourished almost unnoticed. This course introduces the student to some of those writers, with emphasis on prose — novels, essays and short stories — exploring the divisions of the country: east and west, town and wilderness, French and English.

No prerequisites

ENGL 201: English Literature to the 18th Century**(3 credits)**

This astonishing period begins in the writings of Chaucer and Malory, but after the introduction of the printing press into England, and a social influence of the imperial thrust of Elizabeth I, of the Renaissance, of Humanism and Rationalism, writing of all kinds flourished. This is the epoch that produced Spenser and Shakespeare; Milton and John Donne; Ben Jonson, Goldsmith, Dryden, Swift, Bunyan, Pope, Fielding, and philosophers such as Locke, Bacon, Hume and Hobbes. And it set the stage for the Romantic period in English Literature.

Prerequisites: Any two of English 100, 110, 120, 130, 140

ENGL 202: English Literature: 18th to 20th Centuries**(3 credits)**

In Romantic literature, there was a rebellion against Rationalism, and an assertion of the validity of intuition and passion. Its poets were writers like Wordsworth and Coleridge, Tennyson and Scott, Byron and Shelley. Its novelists included Jane Austen and the Bronte sisters. It had essayists like Lamb and De Quincy. This span of three centuries also includes the writers of the Victorian era: Browning, Dickens, Stevenson, Kipling, Trollope, Galsworthy, H. G. Wells and Shaw.

The 20th Century brought Huxley, Joyce, D.H. Lawrence, Yeats, O'Casey, Auden, and the "angry young men" of the post-war period.

Prerequisites: Any two of English 100, 110, 120, 130, 140

FINE ARTS

Media philosopher Marshall McLuhan said that the role of the artist is to alert the rest of society to what is really happening now.

A contemporary painter describes art as "the expression of the invisible by visible means."

The artist brings perceptions to the art: the work is therefore shaped by the life and thought of the artist. But expression of insights and ideas requires mastery of a medium through disciplined familiarity.

ARTS 101: The History of Western Art to the 16th Century

(3 credits)

Some of the most evocative paintings are found in caves in Spain and Southern France, the work of Man's remote ancestors. From those cave paintings to the masterworks of the Renaissance, every human society has examined its reflection in the perceptions of its artists.

ARTS 102: The History of Western Art from 16th to 20th Century

(3 credits)

New technologies and new social developments in this period changed art drastically; from refined court portraits to the brutal agonies of war in Picasso's "Guernica", and on to portrayals of alienation and confusion in recent periods.

No prerequisite

ARTS 110: Studio (drawing)

(3 credits)

No prerequisite

ARTS 120: Studio (painting)

(3 credits)

No prerequisite

ARTS 130: Studio (sculpture)

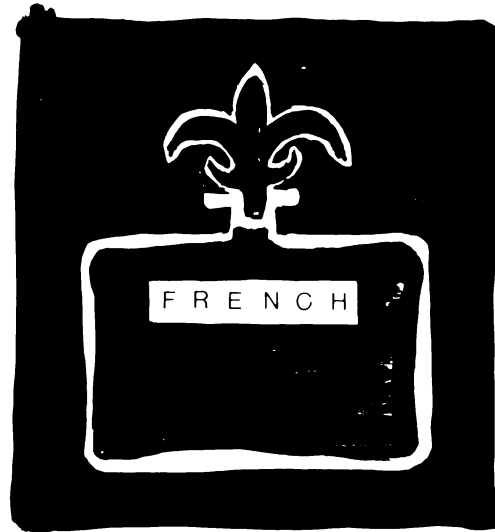
(3 credits)

No prerequisite

ARTS 140: Studio (ceramics)

(3 credits)

No prerequisite



FRENCH

FREN 101: Basic French I

(3 credits)

The ability to read, write and speak Canada's other official language opens another part of our national culture to us and allows a better understanding of the first hundred years of our three-hundred-year history. This course, with intensive oral and written approaches to conversational French, requires the equivalent of Grade 11 French to enable the student to begin.

Prerequisite: up to Grade 11 French or equivalent

FREN 102: Basic French II

(3 credits)

This course is designed to follow 26-140, or for students who have acquired an equivalent knowledge of the language.

Prerequisite: French 101

FREN 111: French Language I

(3 credits)

A language is inseparable from the culture in which it lives, and the learning of it requires an appreciation of the culture and practise in both speaking and writing the language. This is the first half of a two part course, introducing better known modern French writers and some elements of French-Canadian life and literature.

Prerequisite: Grade 12 French or equivalent

FREN 112: French Language II

(3 credits)

This course completes the material begun in French 111.

Prerequisite: French 111



GEOGRAPHY

GEOG 101: Weather and Climate

(3 credits)

The science of meteorology has important implications for agriculture, pollution control, forestry and arctic survival, as well as human commerce and social activities.

No prerequisites

GEOG 102: Evolution of the Earth's Surface

(3 credits)

Geographical boundaries between human political units are sometimes conveniently marked by natural-topographical features; more often, they reflect the social and political evolution of societies and cultures.

No prerequisites

“The highest possible stage in moral culture is when we recognize that we ought to control our thoughts.”

— Darwin

GEOLOGY

Legends tell of whole continents -- Atlantis and Mu -- that disappeared beneath the oceans. Some scientists are still exploring these stories, using recently-evolved theories about continental drift, volcanoes and earth-quakes, and sea-floor spreading that might produce such results. Other branches of geology concern the study of the earth's composition and structure.

GEOL 101: Physical Geology

(3 credits)

Structure and identification of common minerals, origin and classification of rocks, weather and erosion, development of landforms, composition and structure of continents and ocean basins, palaeo-magnetism, volcanoes and earthquakes, continental drift, the origin and composition of the earth.

No prerequisites

GEOL 102: Historical Geology

(3 credits)

The evolution of North America and the adjacent ocean basins, relative and absolute age of rocks, fossils and strata, geologic time-scale, ancient environments and organic evolution, and the geological history of our immediate environment.

Prerequisite: Geology 101

**“And while I at length debate and
beate the bush, there shall steppe
in other men and catch the burdes.”**

— John Heywood

GERMAN

GERM 101: Basic German I

Sprechen Sie Deutsche?

This is the first half of a two semester course for beginners.

No prerequisites

(3 credits)

GERM 120: Basic German II

A continuation of the beginners study of basic reading and speaking skills.

Prerequisite: German 101

(3 credits)

“Human history becomes more and more a race between education and catastrophe.”

— H. G. Wells

HISTORY

HIST 101: Canada 1763-1867: Prelude to Confederation

(3 credits)

In the century-plus between the British conquest of New France and Confederation, the developing society in Canada was shaped by internal political and economic change, and by the spectre of revolutions in the American colonies and France, and later of civil war in the United States. This is an examination of the basic conditions which existed in British North America in those times.

No prerequisites

HIST 102: Canada 1867-1967: A Century of Change

(3 credits)

The passing of the British North America Act did not confer full nationhood on the new Dominion of Canada; in fact, it is difficult to pinpoint a time when nationhood happened. But in this century, which saw the opening of the Prairies to agriculture, massive immigration, gold rushes, the building of the transcontinental railroad, participation in two world wars and the Great Depression, nationhood came, typically, by bloodless consensus.

No prerequisites

HIST 111: Illusion and Disillusion: Europe 1900-1939

(3 credits)

The empires of Europe sustained the powerful home nations in affluence, and the surface of Edwardian society seemed serene and peaceful. But the competition between the empires in colonial regions erupted into World War; the economic dislocations of World War plunged the world into the Great Depression; and reaction against the humiliating penalties of Versailles and post-war inflation and depression in Germany set the stage for the Second World War.

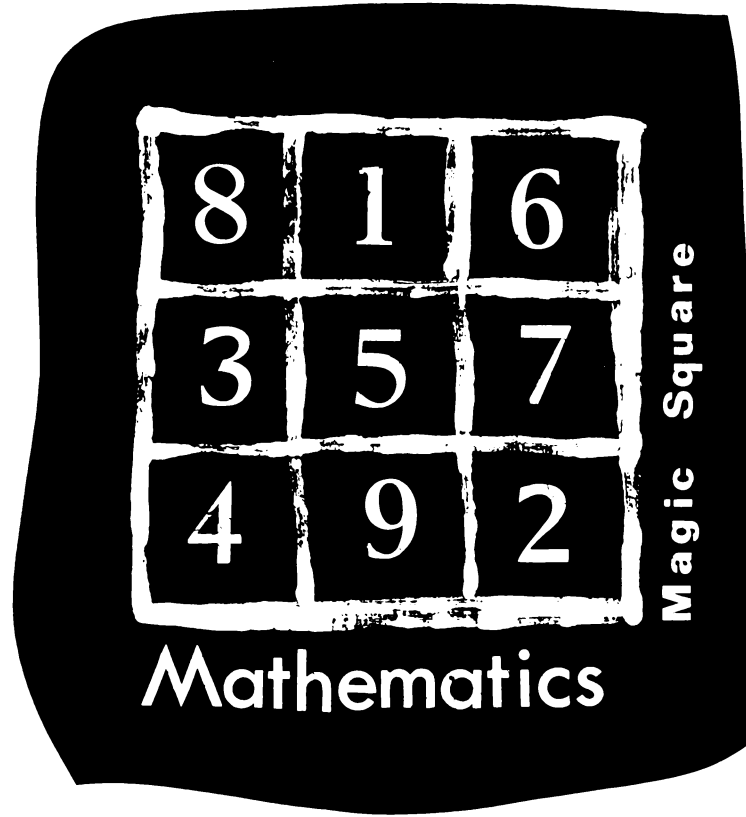
No prerequisites

HIST 112: Europe Since 1939

(3 credits)

World War II ravaged Europe; post-war recovery was fast, spurred by policies designed to forestall a second Great Depression. The "Cold War" resulted in division between East and West, and Churchill coined the phrase "iron curtain". Meanwhile, economic coalitions such as the European Economic Community and Economy forged powerful new markets, and technological advances fostered the sharing of ideas.

No prerequisites



MATHEMATICS

The history of mathematics paces the history of civilization. Present-day trigonometry owes its origins to ancient Egypt, Greece, India and the Arab world. In third-century Greece and among the Arabs, the study of numbers led to the development of algebra; geometry was certainly known to the ancient Egyptians, but reached its most scientific setting in the sixth century B.C. in Greece, when Pythagoras searched for axioms to describe the relationships between geometric figures.

"Calculus" in Latin means a pebble; the Romans used it as a name for arithmetic. In modern terms, it's the short name for "the differential and integral calculus". Just as algebra can solve problems that are beyond simple arithmetic, calculus, which is the science of relationships between variables, can solve problems insoluble by algebra. It is an essential science in complex functions such as space navigation.

MATH 101: Introduction to College Math

(3 credits)

This course enables students with Math 11, in one semester, to prepare to enter courses requiring Math 12. It can also be used as a non-science credit for some fields of study at U.B.C. which do not require calculus. It serves as a prerequisite for Math 102 (Statistics) and Math 111 (Calculus).

Prerequisite: Math 11 or equivalent

MATH 102: Introduction to Statistics**(3 credits)**

At the core of the fascinating study is the fact that while behaviour of individuals cannot be predicted, the behaviour of large groups can. The mathematician and science writer, Isaac Asimov, based his award-winning science-fiction trilogy, the "Foundation" Series, on this fact. This course introduces the language of statistics, and some statistical methods, including random variables and their distributions, random sampling, normal distribution theory, estimation of parameters, and testing hypotheses.

Prerequisite: Math 101

MATH 111: Calculus I**(3 credits)**

This course is for students who plan to proceed in mathematics, the physical sciences, the life sciences, or any discipline which requires optimization techniques.

It reviews analytic geometry, the derivative, techniques of derivation, application of the derivative to Max-Min and related rate problems.

Prerequisite: Math 12 or Math 101

MATH 112: Calculus II**(3 credits)**

A continuation of Math 111; a study of the anti-derivative, the integral techniques of integration and applications of the integral.

Prerequisite: Math 111

MATH 120: Introduction to Analysis**(3 credits)**

A course for students who plan to proceed in mathematics. It studies logi, sets, functions, limits of sequences and series, an introduction to continuity and mathematic induction.

Prerequisite: Math 111

MATH 130: Linear Algebra**(3 credits)**

This is a study of vector shapes, linear transformations, matrices, determinants, eigenvalues, quadratic forms and inner product space.

Prerequisite: Math 12 or Math 101

PHILOSOPHY

The Greek word "philosophia" means the love of wisdom; but the study of philosophy is far older than ancient Greece. It comprises the human search for basic values, and examines truth and meaning.

PHIL 100: Introduction to Philosophy

(3 credits)

This introduction concentrates on such central philosophical questions as "What is real?", and "How do we know what we claim to know?" Seminars, discussion periods and film presentations augment studies in selected philosophical readings.

No prerequisites

PHIL 110: Critical Thinking


(3 credits)

Perhaps only the logical use of language and symbols in reasoning deserves the title "thinking"; thalamic, emotional reactions do not lend themselves to organization into systematic sequences.

The basic forms and rules of logical reasoning comprise this course. Areas examined are deduction and induction, fallacies, definition, traditional deductive logic, validity and invalidity, and elements of symbolic logic.

Apart from academic credit, this course can assist the student in winning arguments, solving detective novels, and avoiding the beguiling traps of advertisers.

No prerequisites



“Thinking in its lower grades is comparable to paper money, and in its higher forms it is a kind of poetry.”

— Havelock Ellis

PHYSICS

PHYS 101: General Physics I

(3 credits)

A non-calculus course for students with little background in Physics: Newtonian mechanics of particles and rigid bodies; sound; and laboratory experiments in mechanics and sound.

No prerequisites

PHYS 102: General Physics II

(3 credits)

A non-calculus course for students with little background in physics: light, electricity and magnetism; atomic structure; laboratory experiments in light, electricity and radioactivity.

Prerequisites: Physics 101, or BC Grade 11 Physics and Grade 11 Math

PHYS 111: Mechanics and Sound

(3 credits)

This course examines in more depth the fields of sound and of Newtonian mechanics of particles and rigid bodies.

Prerequisites: BC Grade 12 Physics or equivalent

PHYS 112: Light, Electricity, Magnetism and Atoms

(3 credits)

This course covers in greater depth the studies of light; electricity and magnetism; and atomic structure. It includes laboratory experiments in light, electricity and radioactivity.

Prerequisites: Grade 12 Physics or Physics 111

The issue to be decided is not ‘right against wrong’, but ‘right against right’.

— Rollo May

POLITICAL SCIENCE

"Man", said Aristotle, "is a political animal"

"Politics", said Robert Theobald, "in the broadest sense is a common effort to achieve a better community".

"Politics", said the late Sir Winston Churchill, "is the art of the possible".

All of these definitions of political activity work; but for any of them to function, it is necessary to understand the framework and the processes of politics. It is also necessary to understand the interplay of forces that affects politics.

PLSC 110: Canadian Government

(3 credits)

A study of the processes and organizations which make up the Canadian political structure, and of the ideologies which constitute the Canadian political reality.

No prerequisites

PLSC 120: Foreign Governments

(3 credits)

This course uses foreign governments to look at the elements of governments including executive, legislature, judiciary bureaucracy; and at politics and the role of the citizens.

No prerequisites

PLSC 200: Contemporary Ideologies

(3 credits)

The political process provides the framework for governing, but it is the ideologies people bring to that process that shape the actual governance.

This course looks at the histories and development, as well as the adherents, of Liberalism, Conservatism, Socialism, Fascism, Anarchism and Communism.

No prerequisites

“We have a word for those who believe they are being persecuted when they are not; we call them paranoiacs. We have no word for those who believe they are being persecuted when they are, which is more often the case.”

— Dr. R. D. Laing

PSYCHOLOGY

One of the youngest sciences, psychology has had its popular image formed by some sensational movies that portray psychologists as manipulative Svengalis.

The truth is less sensational, but more interesting.

Psychology is the study of behaviour. It is a guide to understanding ourselves and others.

While it is true that psychological insights can be used in everyday life or applied to careers, the foundation courses concern themselves with more basic groundwork. It's a "walk before you run" situation.

PSYC 101: Introduction to Psychology

(3 credits)

An introduction to the major areas in the scientific study of behaviour; psychology as a natural and social science, treatment of data, and the biological, environmental and developmental foundations of psychology.

No prerequisites

PSYC 102: Introduction to Psychology

(3 credits)

Personality, social behaviour and abnormal psychology are examined in relation to material already studied. The data of psychology are related to psychological testing, group processes, child-rearing, personal adjustment, personnel and administrative practises, and modification of behavioural disorders.

Prerequisite: PSYC 101

PSYC 210: Child Development and Behaviour

(3 credits)

Major principles in development, descriptive changes in child growth and behaviour.

Prerequisites: Psyc 101 and Psyc 102 is suggested

PSYC 220: Adolescent Psychology

(3 credits)

This course of directed investigation encourages learning through participation and personal experience, such as role-playing, field work and discussion groups.

Prerequisites: Psyc 101 and Psyc 102 are suggested.

PSYC 201: Experimental Psychology

(3 credits)

In the first half of this two-semester experimental sequence, students will consider the philosophy of science and will concentrate on the analysis of results of experiments.

Prerequisites: Psyc 101 and 102

PSYC 202: Experimental Psychology

(3 credits)

This half of the two-semester sequence deals with physiological psychology, sensation, perception, learning, motivation and social behaviour.

Prerequisite: Psyc 201

**“Love is a soil in which the loved
one grows.”**

— Rollo May

RELIGIOUS STUDIES

Every major social system of mankind has developed ethical, moral systems which have been enshrined in religious tradition. In form they range from the mysticism of Sufis to ethical practicality of Kung Fu Tse, whose name was westernized into "Confucius".

RELS 101: Western Religions

(3 credits)

The major religions of the "west" are essentially middle-eastern in origin, and have eastern influences: Judaism, Islam and Christianity. This course examines the origins, contemporary beliefs, rites and forms of worship of all three.

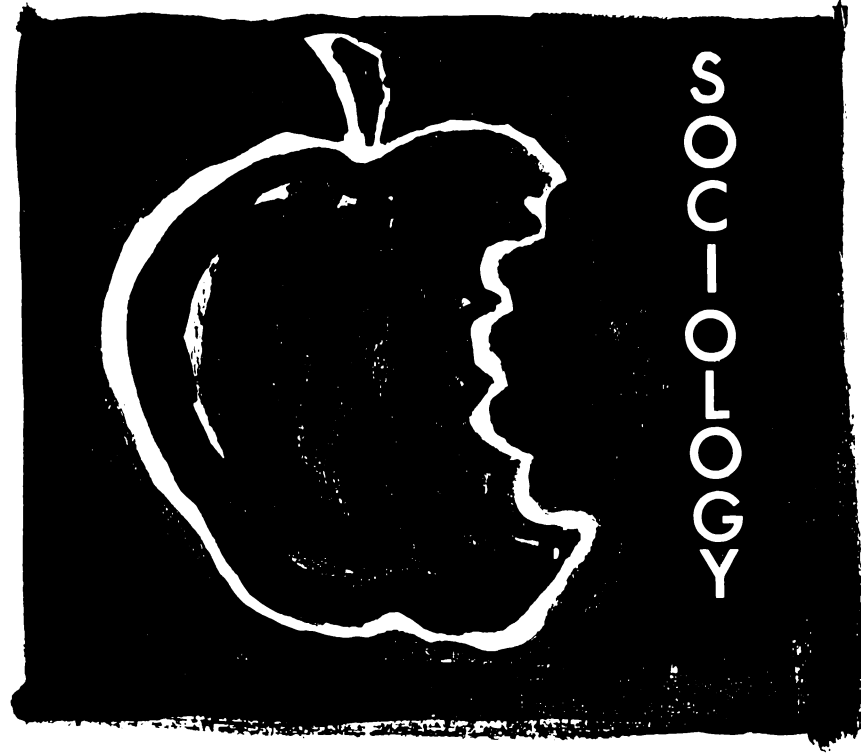
No prerequisites

RELS 102: Eastern Religions

(3 credits)

Hinduism, Buddhism and Confucianism are the main traditions of eastern religion. This course examines their origins and their contemporary beliefs and forms of worship.

No prerequisites



SOCIOLOGY

Each of us is born into a family group; as our world widens, we become members of other and larger groups.

Sociology studies the organization and processes of social groups, and the interactions between members of groups and between groups.

SOCI 101: Social Processes

(3 credits)

How social stability and change come about, and how they affect class, status and power relationships in contemporary societies.

No prerequisites

SOCI 102 — Introduction to Social Theory**(3 credits)**

A study of the development of sociological theory; the main theories, concepts and models of the discipline.

No prerequisites

SOCI 210 — Canadian Social Institutions**(3 credits)**

Canadian society has been described as a “mosaic”, as opposed to the “melting-pot” idea, because cultural and ethnic identities are more strongly retained; but there are other elements of sociological difference, too: stratification within communities, and lifestyle variations by region.

Prerequisites: SOCI 101 or 102

SOCI 220 — The Role of Women**(3 credits)**

Changes in social structure are often reflected in changes in the roles of groups; this is perhaps most prominent today in the reassessment of women’s roles — and of roles that are ceasing to be defined by sex at all. This course will also involve students in an attempt to analyze possible future trends.

Prerequisites: SOCI 101 or 102

SOCI 230 — The Family**(3 credits)**

“The Family” in different cultures means many different social arrangements; but the unit, however described, is common to all. This course looks at theories concerning the origin of the family and an analysis of the differences in various cultures. There is particular emphasis on Canadian family life.

Prerequisites: SOCI 101 or 102

THEATRE

THEA 201 — Introduction to Acting I

(3 credits)

The actor is an instrument played by the playwright and the director; the actors' instrument is nothing less than every aspect of his or her being: body, face, voice, emotion, intellect. This course introduces students from different levels of experience to the basics of voice production, articulation, movement, and character analysis. Performance in public productions is not part of the course, but workshop rehearsal is a major study activity.

No prerequisites

THEA 202 — Introduction to Acting II

(3 credits)

Continuing the studies in THEA 201, this course concentrates on practical experience through in-depth study of a role and a performance. In addition to being required for Theatre majors, it is a valuable course for B. Ed students.

Prerequisite: THEA 201

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Academic Advising	15
Accounting I	40
Accounting II	40
Acting, Introduction to I (see THEA 201)	127
Acting, Introduction to II (see THEA 202)	127
Activities, Student	16
Administration, Business (see Business Management)	37
Adolescent Psychology (see PSYC 220)	122
Advising, Academic	15
Adult Education (see Community Education)	29
Advising, vocational	15
Algebra, Linear (see MATH 130)	114
Analysis, Introduction to (see MATH 120)	114
Anthropology	89
Applied Business Economics I	43
Applied Business Economics II	43
Applied Communications	53
Applied Psychology, Organizational Behaviour &	
Acting (see THEA)	127
Art (see Fine Arts)	101
Assistance, financial	19
Atoms; Light, Electricity, Magnetism & (see PHYS 112)	117
Audio-Visual	25
Basic Skills	33
Basic Training for Skill Development	33
Basic Business Mathematics	41
Basic Business Statistics	41
BCIT	7, 37

Behaviour, Child Development & (see PHYC 210)	122
Biology	91
Bookshop	17
British Columbia Institute of Technology	7, 37
BTSD	33
Business Economics I, Applied	43
Business Economics II, Applied	43
Business Communications I	42
Business Communications II	42
Business Management Program	41
Business Mathematics, Basic	41
Business Statistics, Basic	41
Cafeteria	17
Canada Student Loans	19
Canadian Economy, The (see ECON 100)	97
Canadian Government (see PLSC 110)	119
Canadian History (see HIST 101 & 102)	111
Canadian Literature (see ENGL 140)	100
Canadian Literature (see FREN 111 & 112)	103
Calculus I (see MATH 111)	114
Calculus II (see MATH 112)	114
Career Communications	53
Career Counselling	15
Career Courses	35-81
Career Program	35
Ceramics (see ARTS 140)	102
"Challenge"	23
Chemistry	93

Child Development & Behaviour (see PHYC 210)	122
Child Growth & Development	52
College Administration	129
College Council	128
College Foundations Program	33
College Math (see MATH 101)	113
Communications, Applied	53
Communications, Business I	42
Communications, Business II	42
Communications, Career	53
Community Education Fees	13
Community Educations Program	29
Contemporary Ideologies (see PLSC 200)	119
Counselling	11, 15, 19
Cook Training	47
Certification, Dental Assistant	55
Certification, Farrier Training	45
Creative Writing	95
Credits, from other institutions	21
Credit Management	42
Credits, transfer to university	83
Critical Thinking (see PHIL 110)	115
Data Processing, Introduction to	41
Daycare Worker — Supervisor	49
Dental Assistant Certification	55
Development & Behaviour, Child (see PSYC 210)	122
Development Tests, General Educational	34
Drama (see ENGL 130 & 220)	99

Drama (see THEA)	127
Drawing (see ARTS 110)	101
Economics	97
Educational Development Tests, General	34
Electricity, Magnetism and Atoms; Light (see PHYS 112)	117
English	99
Enrollment	9
Enrollment Limitations	23
Equivalency, Grade 10	33, 34
Equivalency, Grade 12	33, 34
European History (see HIST 111 & 112)	111
Farrier Training, Basic	35
Farrier Training, Certification	45
Financial Assistance	19
Fine Arts	101
Foreign Governments (see PLSC 120)	119
General Education Development Tests	34
Geography	105
Geology	107
German	109
Government, Canadian (see PLSC 110)	119
Government, Foreign (see PLSC 120)	119
Government, Student	16
Grade 10 Equivalency	34
Grade 12 Equivalency	34
Guidance	15
Health Services	16
History	111

Housing	16
Human Relations — Emotional Growth	53
Human Relations — Emotional Maturity	53
Human Relations in Management	41
Ideologies, Contemporary (see PLSC 200)	1 19
Immigrants, Landed	11
Industry, Management in	40
Indians of B.C. (see ANTH)	89
Inter-Library Loan	25
International Students	11
Introduction to Data Processing	41
Introduction to Marketing and Sales	42
Landed Immigrants	11
Learning Assistance	16
Learning Resources Centre	25
Leisure-time Program (see Community Education)	29
Library (see Learning Resources Centre)	25
Light, Electricity, Magnetism & Atoms (see PHYS 112)	1 17
Linear Algebra (see MATH 130)	1 14
Loans, Student	19
Management, Human Relations in	41
Management in Industry	40
Management, Credit	42
Magnetism & Atoms; Light, Electricity (see PHYS 112)	1 17
Marketing & Merchandising	42
Marketing & Sales, Introduction to	42
Mathematics	1 13
Mathematics, Basic Business	41

Registration	9, 27
Resident Students	13
Sales, Introduction to Marketing &	42
Scholarships	19
Sculpture (see ARTS 130)	102
Senior Citizens	6, 11, 13
Services	15
Social Processes (see SOCI 101)	125
Sociology	125
Sound, Mechanics & (see PHYS 111)	117
Special Events Programs	31
Statistics, Basic Business	41
Statistics, Introduction to (see MATH 102)	114
Student Activities	16
Student Government	16
Student Loans	19
Theatre	127
Thinking, Critical (see PHIL 110)	115
University Transfer	83
University Transfer fees	13
University Transfer Program	7, 83
Vocational Courses (see Career)	35-81
Vocational Counselling	15
Weather (see GEOG 101)	105
Women, The Role of (see SOCI 220)	126
Working with Children	52
Zoology (see BIOL 211 & 212)	91

