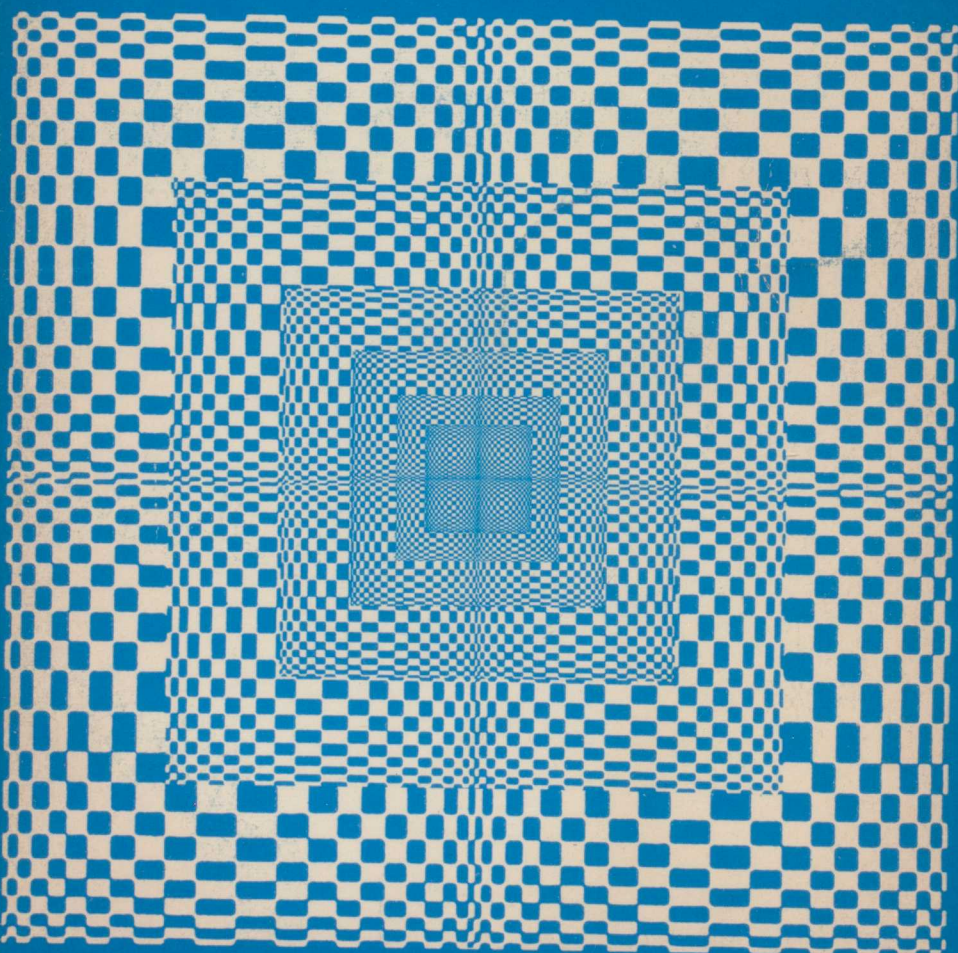


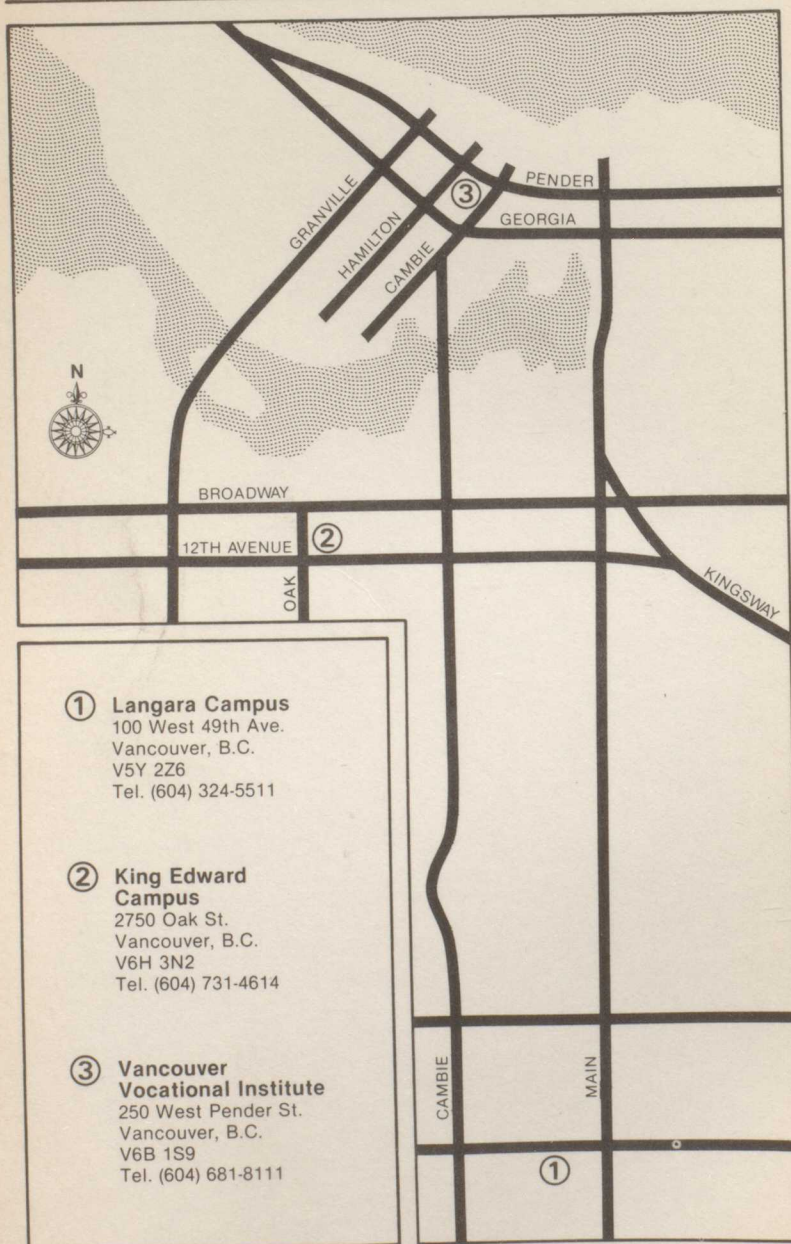
VCC

LANGARA CAMPUS 81-82



Vancouver Community College

PRINCIPAL LOCATIONS OF VANCOUVER COMMUNITY COLLEGE



Vancouver Community College offers educational opportunities at more than 30 outreach centres throughout the city.



WELCOME

Welcome to Vancouver Community College. Vancouver Community College serves its students through three main campuses, Langara Campus, Vancouver Vocational Institute, and King Edward Campus, as well as several smaller centres throughout the City of Vancouver. Our most recent student count exceeded 20,000; in fact, about one quarter of the instruction provided by the B.C. post-secondary non-university system is delivered by Vancouver Community College.

The College Board, central administration, campus administration, faculty and support staff exist for the single purpose of providing all students of the College with the best quality of education and training permitted by available resources.

You may be taking a program leading to employment or further education upon graduation, or a course designed to upgrade your job skills or enhance the quality of your life; whatever your goals, it is our job to help you achieve them. We are proud of the success of our graduates but are constantly looking for ways to improve our courses, programs and services. Student feedback is sought and considered not only while attending, but also after leaving the College.

As a student, you should feel free to discuss any questions you may have with an instructor, a counsellor or Dean. The College is committed to deal with student concerns expeditiously through established procedures or to establish special committees where no such procedures exist.

In discharging our responsibility to you, as a student, we must also take into account our responsibility to all taxpayers. Fees cover a very small part of the total operating costs of the college; the bulk of costs is covered by those funds raised through taxes. To ensure the wise and productive expenditure of these funds, we are going to ask and expect from you a serious commitment to your studies. The best efforts of our faculty will be without purpose unless they are matched by such a commitment from you.

I wish you a productive and pleasant association with Vancouver Community College.

A. S. Manera
President
Vancouver Community College

ORGANIZATION OF VANCOUVER COMMUNITY COLLEGE

College Board

J. Baker
W. Brown
E. W. Dean
N. Divinsky
V. Giles
P. Hebb
E. Jarvis
A. Lee
T. Marxreiter
J. C. M. Scott
B. Sleigh

College Executive Officers

A. S. Manera, President
K. M. Fleming, Bursar and Director of Administrative Services
J. J. Denholm, Principal, Langara Campus
H. E. Pankratz, Principal, King Edward Campus
J. L. McInnis, Principal, Vancouver Vocational Institute
A. H. Glenesk, Director, Continuing Education
C. R. Carter, Director, College Resources

A BRIEF HISTORY

VANCOUVER COMMUNITY COLLEGE, formerly Vancouver City College, was established in 1965 by bringing together the Vancouver Vocational Institute (1949), the Vancouver School of Art (1929), the Vancouver School Board's Night School Program (1909) and the King Edward Senior Matriculation and Continuing Education Centre (1962).

Growing with startling speed, the King Edward Centre proved so inadequate to contain the requirements of the academic areas that a new campus was built at Langara and opened in October of 1970. However, the old King Edward site was not vacant for long; it soon housed the fifth division of the College — the Special Programs Division, now King Edward Campus.

VANCOUVER COMMUNITY COLLEGE is unique in many ways.

Besides being the oldest community college in Canada and the second largest post-secondary institution in B.C., it offers many programs not available elsewhere. To name a few: Art in Merchandising, Power and Process Engineering, and Interpreters for the Deaf.

A College Council was established as the governing body in December of 1970. Administrative services were provided by the Vancouver School Board until the Spring of 1973, when the College agreed to separate from the Vancouver School Board and established its own Regional Offices which began to function November 18, 1974.

In accordance with the provisions of the College and Provincial Institutes Act, Vancouver Community College was designated by Order-in-Council November 24, 1978. This gave the College a corporate life separate from the School Board, permitting the College Board to authorize land holdings, borrowings and other activities attendant to a corporation.

The College Board, which oversees the affairs of the College, is comprised of members appointed by the Vancouver, Burnaby and Richmond School Boards and by the Provincial Lieutenant Governor in Council.

CAMPUSES

KING EDWARD CAMPUS

King Edward Campus was created in 1970 to consolidate a variety of programs which had been located previously at a number of different locations. As well as administering on-site programs, K.E.C. is responsible for classes at more than 30 centres throughout Vancouver.

A unique variety of programs is provided by K.E.C., located at 2750 Oak Street, for a unique clientele. K.E.C. caters to adults of all ages and ethnic and educational backgrounds. Primarily, adults requiring preparatory courses — courses leading to other training or up-grading basic skills to enter or re-enter the work force — are accommodated.

King Edward Campus consists of three instructional divisions — College Foundations, Communication Arts, and Training and Development. At present, more than 5,000 full-time and part-time students are enrolled in classes, which are held Monday to Friday between 08:00 and 22:00 hours.

LANGARA CAMPUS

Langara is one of the most intensively used education facilities in B.C. On a normal weekday 6,500 people from throughout the Lower Mainland use the campus.

Located at 100 West 49th Avenue, Langara Campus held its first classes in October 1970. The four-story instructional building, which surrounds a large quadrangle, houses lecture theatres, conference rooms, multi-use classrooms, study and seminar rooms, science laboratories and

technical-vocational workrooms and studios for the cultural and performing arts. Covered walkways connect with the library and the gymnasium.

Langara Campus offers a broad curriculum designed to serve the needs of most individuals who wish post-secondary education. Through fall and spring terms it enrolls regularly 5,500 students — 4,300 in arts and science programs (first and second year) and 1,200 in 21 career programs of specific occupational orientation. The academic year is divided into three terms of four months each. Any two terms of enrollment constitute an academic year.

VANCOUVER VOCATIONAL INSTITUTE

The Vancouver Vocational Institute specializes in the preparation of students to enter or up-grade their careers in business, industry and service occupations. It was first opened in 1949 in response to a growing awareness of the need for realistic technical and vocational training.

Classes operate on a six-hour, five-day week and twelve-month year basis. In response to the heavy demand for training, some programs are offered on an extended day basis in day, evening and weekend classes. Twenty of its programs are unique in British Columbia.

Growth in the V.V.I., located at 250 West Pender Street, has been evident in all areas of the operation. Through the years it has grown considerably and changed to meet public demand. New programs have been added to meet new employment demands; and courses are constantly being revised and expanded to meet the continuous changes in business and industry. In most of the 90 courses offered, content is primarily one-third theory and two-thirds practical experience.

CONTINUING EDUCATION

The adult continuing education arm of the College offers the public a large variety of learning experiences. The Continuing Education program includes over 300 short-term courses for part-time students. It features several major instructional areas: a Business Administration up-grading program, Vocational and Technical courses, as well as general interest courses.

Continuing Education annually enrolls approximately 20,000 part-time students. Courses are held at three evening centres — Langara Campus, Vancouver Vocational Institute and Hamber. Langara Campus is foremost in the College offerings of general interest courses. In addition, courses for any kind of short-term instruction are operated throughout the city.

The Fall program of Continuing Education begins early September; the Winter term, early January, the Spring term, early April and the Summer term, mid-June.

COLLEGE PROGRAMS

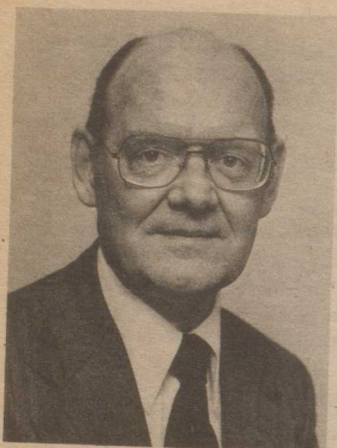
KING EDWARD CAMPUS • basic job readiness training • basic training for skill development • college foundations • employment orientation for women • English language training • homemaker • introductory homemaker/institutional aide • music • pharmacy assistant • programs of deafness • vocational orientation for youth

LANGARA CAMPUS • accounting • arts & science • business management • data processing • finance & investment • marketing & sales • realty appraisal • court reporter • criminal justice • early childhood education • food services technician • library technician • nursing • recreation leadership • teacher assistant • welfare aide • small business • art in merchandising • fine arts • journalism • photography technician • theatre arts • general education

VANCOUVER VOCATIONAL INSTITUTE • accounting • autobody repair • auto mechanics • baking — industrial • baking — options • barbering • bookkeeping • building construction • clerk typist • cooking — chinese cuisine • cooking — basic • cook training • data entry operator • dental assisting — dental assisting upgrade • dental technician/mechanic apprentice — dental technician/mechanic pre-apprentice • diesel mechanics • drafting — architectural, civil, and structural • drafting — architectural, process piping, and materials handling • drafting — architectural and structural steel • electricity & industrial electronics • electro-mechanics 1 (basic) • electro-mechanics 2 (advanced) • electronics technician • hairdressing • hairdressing apprenticeship • hospital clerical worker • industrial records & first aid • junior computer programmer • legal stenographer • long term care resident aide upgrade • machinist • manicuring & facials • medical office assistant • medical stenographer/transcriptionist • merchandising • nursing aide • nursing orderly • power & process engineering • power engineering — general • power engineering — technical • power engineering certification (correspondence) • power engineering certification (tutorial) • power sewing • practical nursing • printing production • secretarial • shoe repair • tv and radio technician • waiter/waitress • welding • welding upgrade • welding midnight • word processing operator

CONTINUING EDUCATION • accounting • business administration (general) • communications • managerial supervision • marketing management • personnel management • sales management • small business management • vocational art • movement & visual arts • commercial art • general interest courses — i.e. afro jazz, dancercise, body conditioning • belly dancing • caligraphy • freelance writing • guitar • home canning & freezing • public speaking for the terrified • summer school of languages • photography • tennis • yoga • and many more

MESSAGE FROM THE PRINCIPAL



Welcome to Langara Campus!

I so state on the assumption that if you read even part of this Calendar you will join the many, many thousands who in the past decade have enhanced their education and their opportunities as a consequence of study at Langara. You will have the distinction of being the first students of our second decade. It is our firm intention to move from a "superior" first ten years into an "outstanding" second ten. For those who join us we assume you come to Langara in order that your future, like ours, may be better than your past.

We offer you a wide range of Arts & Science programs appropriate to self-improvement, to employment, and to subsequent university registration. Parenthetically, more students move from this campus to British Columbia universities than from any other college in British Columbia. We also offer you more than twenty, specific Career programs designed to equip you within two years for satisfying and remunerative employment. See you on campus soon!

Read on . . . !

J. J. Denholm,
Principal,
Langara Campus

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1981-82 SCHEDULES

SUMMER TERM 1981

In order to increase accessibility to the college's offerings during the summer months, Langara Campus has added two 8 week terms (May/June, July/August) to its regular 1981 Summer term. Students may register in any of the Summer Terms, however, all students are limited to a combined total of 17 credit hours.

SUMMER TERM 1981
INCLUDES MAY/JUNE & JULY/AUGUST TERMS

MAY/AUGUST TERM

Classes for the May/August term start May 6 and end August 14. Final examinations for the May/August term, August 17-21, must be written unless student is exempted by medical certificate.

May 1, 1981:	First Day of Summer Term.
May 4, 5:	Registration for May/August term.
May 6:	First day of classes.
May 7, 8:	Course change.
May 18:	Victoria Day; Langara Campus Closed.
May 21:	Annual Graduation Ceremonies.
May 29:	Last day for refunds.
July 1:	Canada Day; Langara Campus Closed.
July 31:	Last day for withdrawals.
August 3:	B.C. Day; Langara Campus Closed.
August 17-21:	Term-end examinations.
August 31:	Orientation Day.
August 31:	Last day of Summer Term.

MAY/JUNE TERM

Classes for the May/June term start May 6 and end June 19. Final examinations for the May/June term, June 22 and 23, must be written unless student is exempted by medical certificate.

May 1, 1981:	First day of May/June term.
May 4, 5:	Registration for the May/June term.
May 6:	First day of classes.
May 7, 8:	Course change.
May 15:	Last day for refunds.
May 18:	Victoria Day; Langara Campus Closed.
May 21:	Annual Graduation Ceremony.
June 12:	Last day for withdrawals.
June 22, 23:	Term-end examinations for the May/June term.
June 30:	Last day of the May/June term.

JULY/AUGUST TERM

Classes for the July/August term start July 2 and end August 19. Final examinations for the July/August term, August 20 and 21, must be written unless student is exempted by medical certificate.

- May 4, 5: Registration for the July/August term.
- June 1-30: Registration for the July/August term at Student Services Monday through Friday during regular college hours.
- July 1: First day of July/August term.
- July 1: Canada Day; Langara Campus Closed.
- July 2: First day of classes.
- July 2, 5: Course change.
- July 15: Last day for refunds.
- August 3: B.C. Day; Langara Campus Closed.
- August 7: Last day for withdrawals.
- August 20, 21: Term-end examinations for the July/August term.
- August 31: Orientation Day.
- August 31: Last day of July/August term.

FALL TERM 1981

Classes start September 4 and end December 8. Final examinations, December 9-15, must be written unless student is exempted by medical certificate.

- August 31, 1981: Orientation Day.
- Sept. 1: First day of Fall Term.
- Sept. 1, 2, 3: Registration for Fall Term.
- Sept. 4: First Day of classes.
- Sept. 7: Labour Day; Langara Campus Closed.
- Sept. 8, 9, 10: Course change.
- Sept. 30: Last day for refunds.
- October 12: Thanksgiving Day; Langara Campus Closed.
- November 11: Remembrance Day; Langara Campus Closed.
- December 1: Last day for withdrawals.
- December 9-15: Term-end examinations.
- December 25: Christmas Day; Langara Campus Closed.
- December 26: Boxing Day; Langara Campus Closed.
- December 28: Langara Campus Closed in lieu of Boxing Day.
- December 31: Last day of Fall Term.

SPRING TERM 1982

Classes start January 7 and end April 13. Final examinations, April 14-20, must be written unless student is exempted by medical certificate.

- January 1, 1982: First day of Spring Term. New Year's Day; Langara Campus Closed.
- January 4, 5, 6: Registration for Spring Term.
- January 7: First day of classes.
- January 8, 11, 12: Course change.
- January 29: Last day for refunds.
- February 19: Study Day — College open.
- March 15: Last day for Application for Certificate or Diplomas at end of Spring Term.

- | | |
|--------------|---------------------------------------|
| April 1: | Last day for withdrawals. |
| April 9: | Good Friday; Langara Campus Closed. |
| April 12: | Easter Monday; Langara Campus Closed. |
| April 14-20: | Term-end examinations. |
| April 30: | Last day of Spring Term. |

SUMMER TERM 1982

In order to increase accessibility to the college's offerings during the summer months, Langara Campus has added two 8 week terms (May/June, July/August) to its regular 1982 Summer term. Students may register in any of the Summer Terms, however, all students are limited to a combined total of 17 credit hours.

SUMMER TERM 1982
INCLUDES MAY/JUNE & JULY/AUGUST TERMS

MAY/AUGUST TERM

Classes for the May/August term start May 5 and end August 11. Final examinations for the May/August term, August 12-18, must be written unless student is exempted by medical certificate.

- May 1, 1982: First Day of Summer Term.
- May 3, 4: Registration for May/August term.
- May 5: First day of classes.
- May 6, 7: Course change.
- May 20: Annual Graduation Ceremonies.
- May 24: Victoria Day; Langara Campus Closed.
- May 30: Last day for refunds.
- July 1: Canada Day; Langara Campus Closed.
- August 1: Last day for withdrawals.
- August 2: B.C. Day; Langara Campus Closed.
- August 12-18: Term-end examinations.
- August 31: Last day of May/August term.

MAY/JUNE TERM

Classes for the May/June term start May 5 and end June 23. Final examinations for the May/June term, June 24 and 25, must be written unless student is exempted by medical certificate.

- May 1, 1982: First day of May/June term.
- May 3, 4: Registration for the May/June term.
- May 5: First day of classes.
- May 6, 7: Course change.
- May 14: Last day for refunds.
- May 20: Annual Graduation Ceremony.
- May 24: Victoria Day; Langara Campus Closed.
- June 11: Last day for withdrawals.
- June 24, 25: Term-end examinations for the May/June term.
- June 30: Last day of the May/June term.

JULY/AUGUST TERM

Classes for the July/August term start July 2 and end August 18. Final examinations for the July/August term, August 19 and 20, must be written unless student is exempted by medical certificate.

May 3, 4, 1982: Registration for the July/August term.

June 1-30: Registration for the July/August term at Student Services Monday through Friday during regular college hours.

July 1: Canada Day; Langara Campus Closed.

July 2: First day of classes.

July 2, 5: Course change.

July 16: Last day for refunds.

August 2: B.C. Day; Langara Campus Closed.

August 6: Last day for withdrawals.

August 19, 20: Term-end examinations for the July/August term.

August 31: Last day of July/August term.

ACADEMIC YEAR			
FALL	SPRING	SUMMER	
September-December	January-April	May-August	
		May/June	July/August

In addition to the regular Summer Term, May/August, there will be a May/June term and a July/August term in 1981 and 1982.

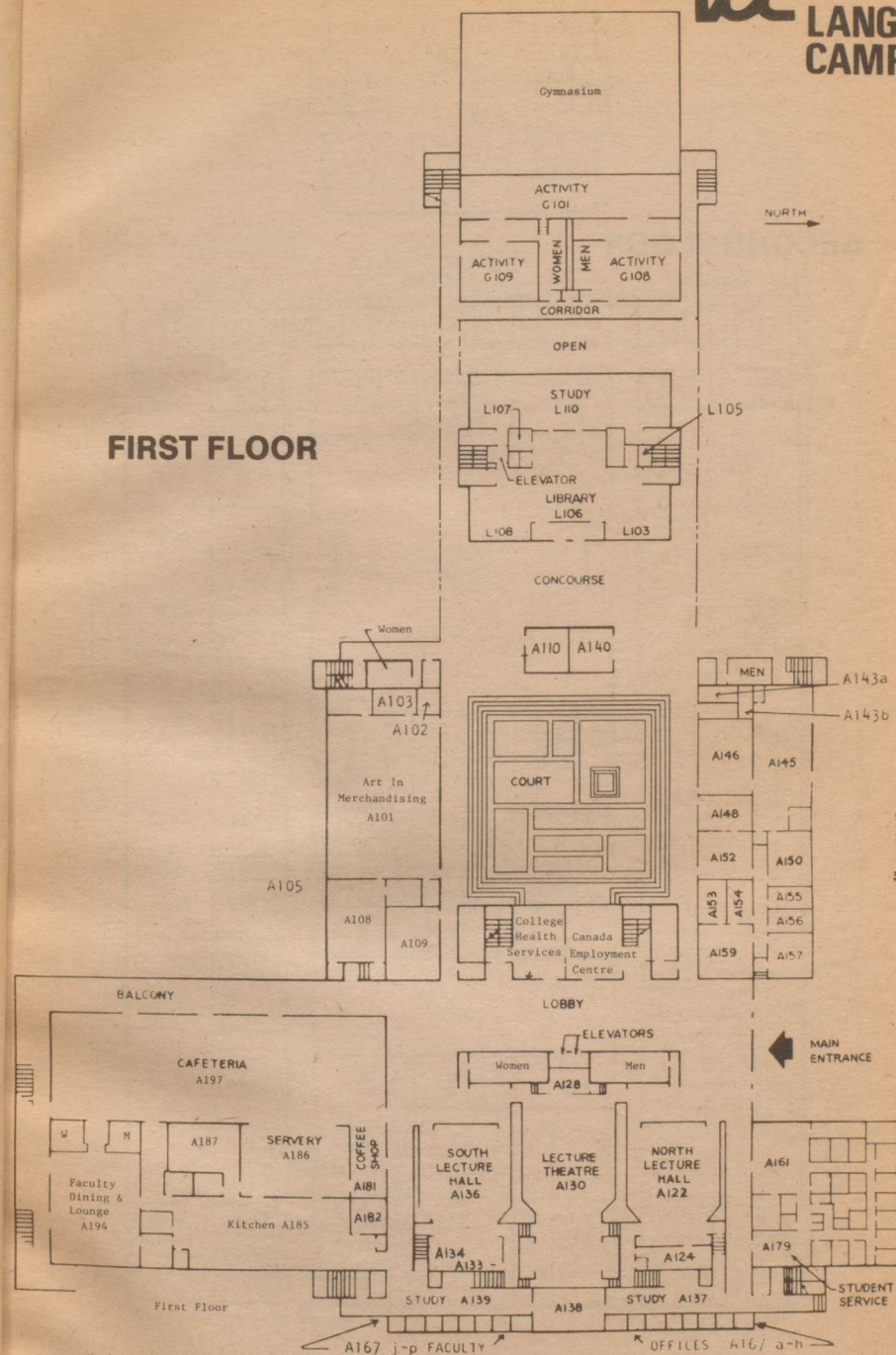
LANGARA OPERATION

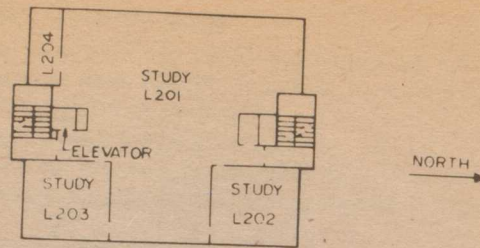
The campus remains open during normal operating hours unless a specific announcement to the contrary is made. Emergency closures occur only under the most extreme of circumstances.

LANGARA OPERATES ON A TWENTY-FOUR HOUR CLOCK

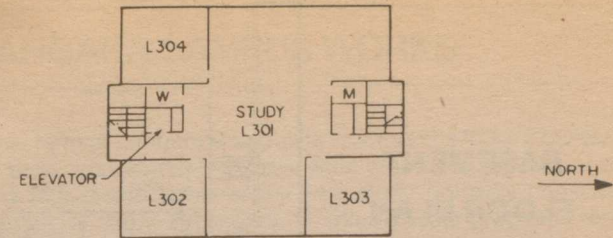
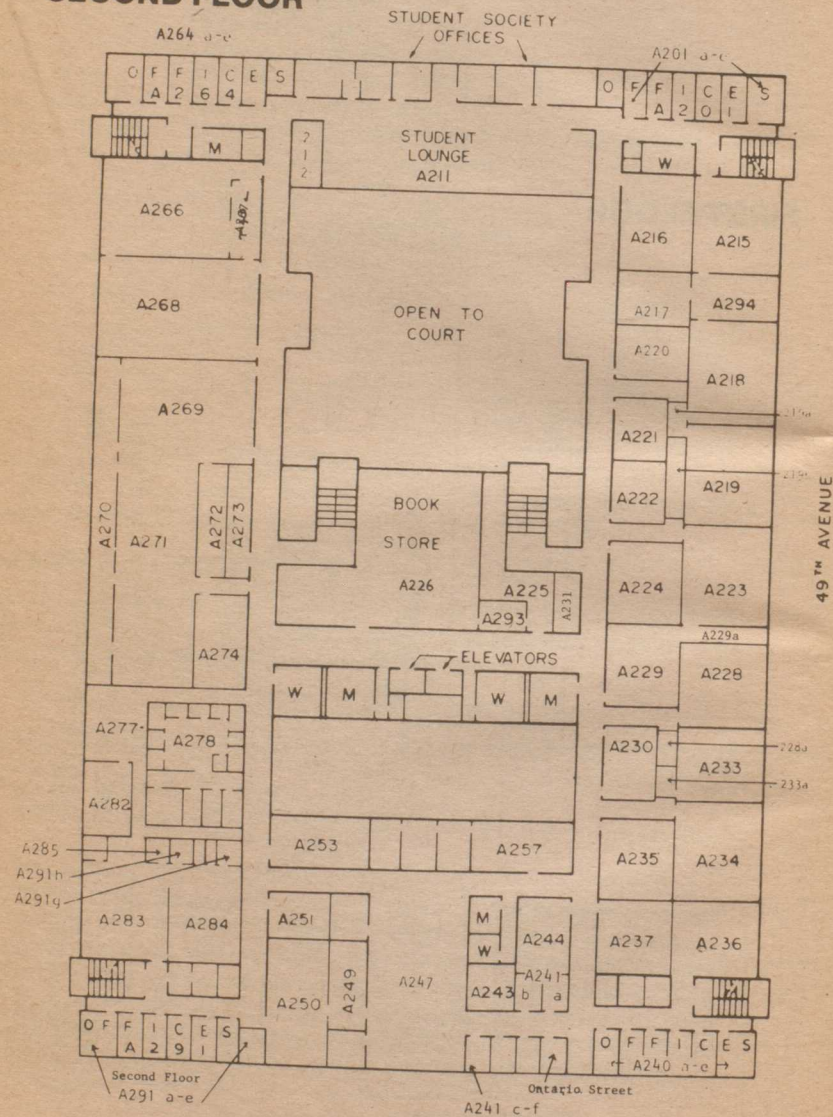
The College Reserves the right to alter or discontinue courses, change fees, and alter procedures and rules regulating admission and registration, instruction in and graduation from the College and its various divisions, and to change any other regulations affecting the student body. Changes go into effect whenever the appropriate College authorities so determine and apply not only to prospective students but also to those who at that time are registered in the College.

FIRST FLOOR

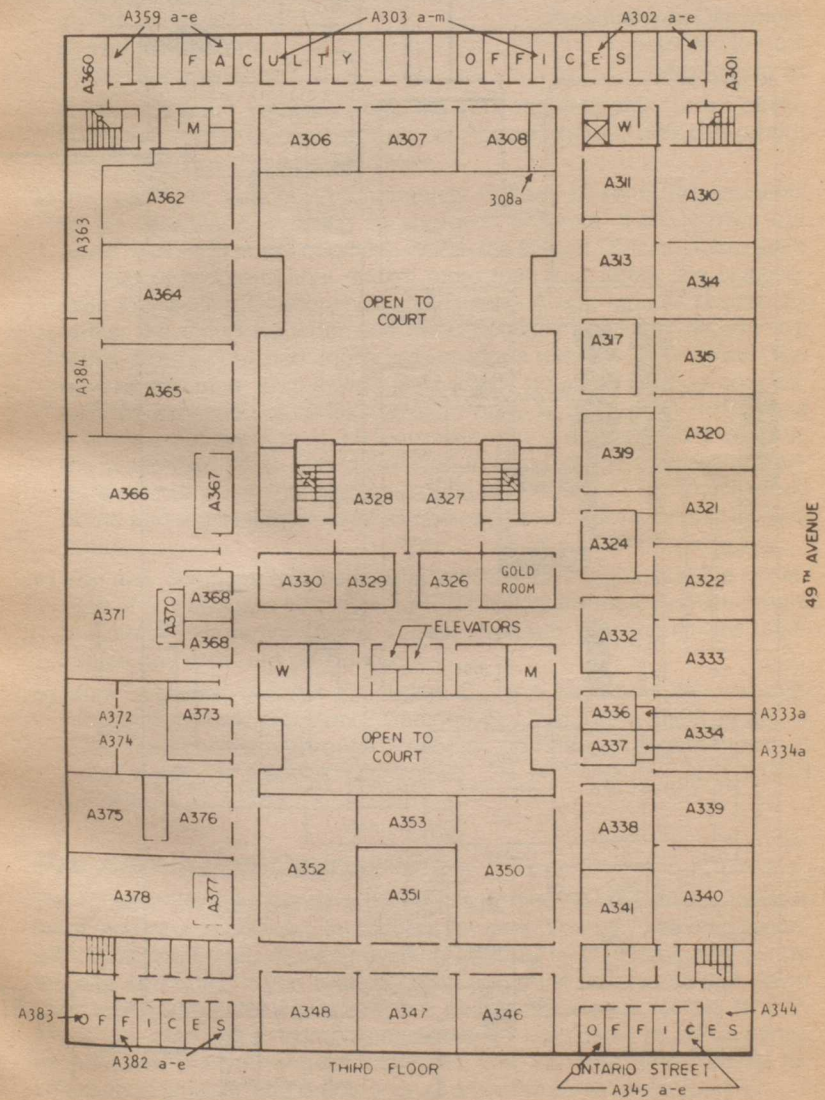




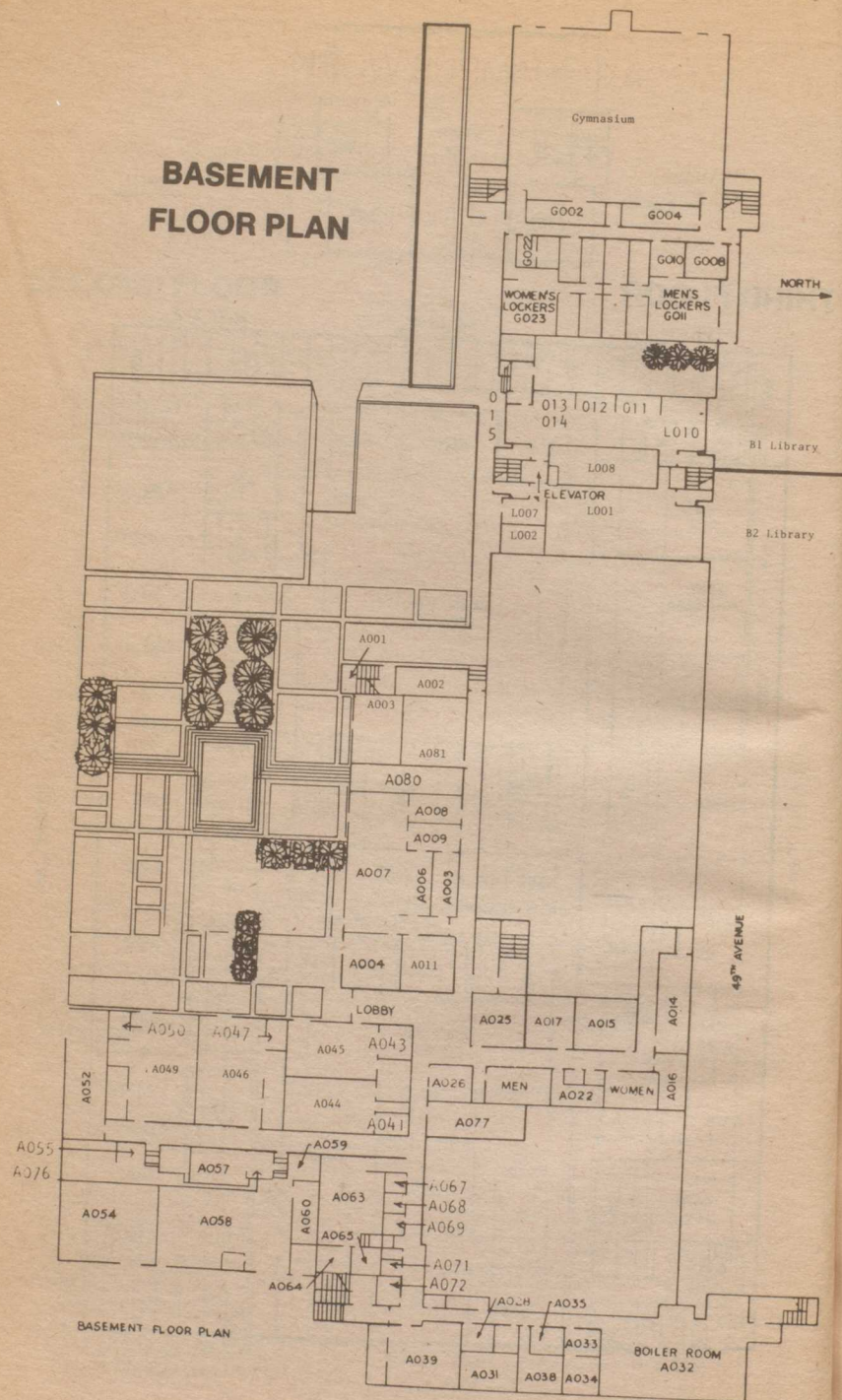
SECOND FLOOR



THIRD FLOOR



BASEMENT FLOOR PLAN



HOW LANGARA CAMPUS WORKS

1) The normal term at Langara Campus is four months long. Courses last for a full term, and students receive final grades at the end of each term. Two four-month terms of full time study normally constitute a complete year of study at Langara — some Career programs require three terms per year.

2) There are three terms in the academic year:

- a) The Fall Term September to December
- b) The Spring Term January to April
- c) The Summer Term May to August

NOTE: Although you may complete your requirements for a College Diploma in either December, April, or August, there is only one graduation ceremony a year, held in May.

3) You can fulfill Vancouver Community College Diploma requirements by successfully completing an approved program of study over four terms (60 credit hours of study). Within the Career Division, there are a number of programs that require more than four terms: the Nursing, Data Processing Cooperative, and Theatre Arts programs require six terms; the Court Reporter and Food Services programs require five terms; the Accelerated Journalism program requires three terms. The normal maximum load a term is 15 credit hours of College courses, with the exception of certain Career programs. If you have maintained a grade point average of 3.0, you may carry a course load exceeding the prescribed limits with permission from a College counsellor. Langara defines a full-time student as one registered in 12 or more credit hours and a part-time student as one registered in fewer than 12 credit hours.

4) You may commence College Arts and Science Programs at the beginning of any Langara term. See page 31 for details regarding enrolment in Career Programs. (Some Career Program enrolments are interrupted and some are continuous.)

5) Many academic courses at Langara Campus have both day and evening sessions. The Langara Campus day lasts from 0830 hours to 2230 hours Monday through Thursday; on Friday, Langara closes at 1630 hours. LANGARA OPERATES ON A TWENTY-FOUR HOUR CLOCK.

Pre-Admission Counselling

The Student Services Center provides pre-admission counselling, assessment, and course planning throughout the year. You may see counsellors without appointment, day and evening Monday to Thursday, and during the day on Friday. If you wish to enrol, you must have a pre-admission counselling interview, if possible well before registration for the term in which you plan first to enrol. Counsellors will provide as much guidance as possible, but you should remember that the final responsibility for selection of courses and preparation of a course schedule is yours.

Orientation Day for New Students

Orientation is an important part of enrolment at Langara Campus. This day is set aside for you to meet instructors and discuss both individual course content and instructional methods. Counsellors will discuss with you many other issues such as course planning, pre-requisites, grading and study skills that pertain to all aspects of education at Langara. This, along with a tour of the Campus, an opportunity to meet the Campus Principal and Deans, has in the past proven very beneficial to students beginning their post-secondary studies at Langara. (See Schedule pages 1 to 4.)

Citizenship Requirements

Only Canadian citizens and those who have permanent resident (landed immigrant) status in Canada may enrol at Langara. The definition of "permanent resident status" accords with the definition of the Canada Employment and Immigration Commission.

Language Requirements

English Language Assessment

If your first language is not English, you may be required to write an English Language Assessment prior to admission. The results of the assessment may affect your subsequent placement in College courses. English Language Assessment is administered at the King Edward Campus. You may get the schedule for and location of the assessment from Student Services, Langara Campus.

English Placement Test

If you plan to enrol in a first semester English course, you must take the B.C. English Placement Test prior to the semester in which you hope to register.

Math Diagnostic Test

If you wish to register in any of the Math 152, 153, 162, or 171, and if you fall into any of the categories listed below, you must write the diagnostic placement test:

- 1) if you have not previously registered in Math 152, 153, 162, or 171.
- 2) if you have formerly registered in any of the above mentioned courses but have not taken a math course within the last year.

Academic Requirements

Regular Academic Admission

The academic requirements for admission to Langara Campus on a credit or non-credit basis are:

- a) Possession of a complete British Columbia Grade XII standing or the equivalent (including General Education Development Test completion); or
- b) Successful completion of an approved College Foundations Program (see Calendar, V.C.C., King Edward Campus).

Dean's Admission (formerly known as "Mature Student"):

If you do not possess the qualifications for regular academic admission, the Dean of Administrative and Student Services or his delegate will, nevertheless, consider you for regular admission if, on the basis of your experience, background, previous education or age, you seem likely to succeed in a college program.

Conditional Admission

- a) If you are deficient in not more than two secondary equivalent courses, you may be admitted conditionally and registered concurrently in not more than three College courses (9 credit hours) at Langara Campus. You must register first at King Edward Campus (College Foundation courses), and Langara Campus will withhold credit for College courses until you have made up College Foundation deficiencies.
- b) If you have been refused re-admission at another post-secondary institution owing to inadequate achievement, Langara Campus will admit you as though you had been on probation during your last term at your previous institution. For subsequent enrolments, you will be subject to "Admission" and "Maintenance of Standing" requirements at Langara Campus.

The Dean of Administrative and Student Services will adjudicate exceptional cases and circumstances arising from the admission process.

YOU SHOULD REMEMBER THAT, BECAUSE OF THE LARGE NUMBER OF STUDENTS ENROLLING, LANGARA CAMPUS IS NOT ABLE TO GUARANTEE REGISTRATION IN SPECIFIC PROGRAMS OR COURSES EVEN IF YOU HAVE BEEN GRANTED ADMISSION. REGISTRATION IS ALSO DEPENDENT ON HAVING THE PREREQUISITE REQUIREMENTS OF INDIVIDUAL PROGRAMS OR COURSES.

HOW TO ENROL

Procedure for enrolling for the first time in Arts and Science Programs

- 1) Before you register, you must go to the Student Services Centre for pre-admission counselling, assessment, and course planning. You may arrange for an interview during your graduating year at a B.C. secondary school and before you have received your British Columbia Secondary School Statement. Indeed, you should have your interview in the spring if you are planning to enrol in the fall term immediately following completion of secondary school. Prospective students who are not presently in secondary school may make application any time after the first month of the term preceding that in which the student wishes to register.
- 2) You should bring to the interview:
 - a) An official record of academic standing from your previous school or college (e.g. British Columbia Secondary School Statement, complete).
 - b) Any records, certificates, and recommendations from your previous education.

c) Proof of permanent resident status (if required).

The counsellor's evaluation from this interview becomes part of your permanent record after registration.

- 3) At the time of the interview, the counsellor will give you a complete Course Planning Form recommending a suggested program and sequence of courses and will assign you a College identification number which you will use in registration and which you must put on all documents you submit during registration. The identification number indicates you have met the general requirements for admission to Langara Campus but have not registered in any course. It has no validity after the registration period for which it was issued unless it is converted to a permanent registration number by registering.
- 4) Following the pre-admission interview, the counsellor will tell you the date and time of your registration or will tell you when this information will be available.
- 5) During the registration days at the beginning of the term (see pages 1-4), you will appear as scheduled by your identification number. You should bring to registration:
 - a) The identification number assigned at your pre-admission interview.
 - b) The Course Planning Form (white copy) prepared by the counsellor.
 - c) Records or transcripts of previous academic standing to provide proof that you have pre-requisites for specific courses.
 - d) Fees.
 - e) English Placement Test results.
 - f) Mathematics Diagnostic Test results.
- 6) At registration, you will receive a Student Card which also serves as Library Card. You should carry this card (which shows your Permanent Registration Number) at all times because it is required to borrow library books, as identification during exams, and for admission to student functions.

Guided Independent Study Courses

Langara Campus offers a number of guided independent study courses which use a combination of print materials, cassette tapes, and tutorials. They are: English 127, 128 and 229; French 115 and 215; Anthropology 120; Sociology 120; Psychology 115 and 215; History 117; Geography 180; and Mathematics 162 and 262. Off-campus students (who will have priority at registration) may take these courses by correspondence, but on-campus students taking regular courses may also enrol. The courses are recommended only for students who are confident of their ability to work independently. Like all Langara courses, they must ordinarily be completed during the semester in which you enrol. For further information on the courses or on how to register for them, contact the Student Services office at Langara.

Procedure for enrolling for the first time in Career Programs

Applicants for admission to Career Programs who satisfy the criteria for admission to their program will be admitted on a "first come, first served"

basis. For admission requirements for Career Programs, see the portion of this Calendar devoted to the description of specific programs (pages 34 to 101).

- 1) New applications for any program will be accepted during the ten-month period immediately preceding the program intake date.
 - i.e. —March 1st to December 31st for January intake
 - November 1st to August 31st for September intake
 - July 1st to April 30th for May intake

New applications received prior to the ten-month period will be returned.

Selections of applicants generally takes place four months prior to intake date. Thereafter, applicants will only be considered if seats are available in the program.

- 2) Senior secondary school graduation is the normal pre-requisite for admission to career programs. However, many applicants enter programs without this because of other qualifications and experience. Some career programs require such special submissions and procedures as interviews, testing, auditions, or portfolios.
- 3) Applicants who satisfy the criteria for admission to the program of their choice will be admitted on a "first come — first served" basis. It should be pointed out that the College reserves the right to limit admissions to those applicants, who in the opinion of the College, possess the requisite capabilities for success.
- 4) Applicants in Grade 12 in British Columbia at the time of application who otherwise satisfy the criteria of a program of their choice, may be considered for tentative acceptance based on mid-term marks. Final acceptance will be subject to confirmation of Grade 12 completion.
- 5) Applicants must meet appointment times and dates for testing and interviews.
- 6) Normally, applicants will be notified of acceptance or non-acceptance two to three months prior to commencement of instruction. Unsuccessful applicants may apply for other programs where space permits or for enrolment in Arts and Sciences studies.
- 7) Successful applicants will be required to submit seventy-five dollars (\$75.00) non-refundable deposit and, if applicable, to satisfy medical requirements. (Deposits will be refunded if applicants do not meet medical requirements or do not complete Grade 12.)

NOTE: Because facilities for programs are limited, we cannot guarantee admission into any program even though you may fulfill minimum requirements.

Procedure for re-enrolling

- 1) If you are a returning student, you must re-register for each term in which you wish to enrol. During the Registration days at the beginning of the term, you will appear as scheduled by your permanent registration number or by Career program as listed in the Term Schedule.
- 2) You should bring to registration:
 - a) A Statement of Grades from your last term of registration.

- b) Proof of satisfactory completion of pre-requisite requirements, if appropriate, for any course in which you plan to register.
- c) Fees (an advance fee may be required of students re-registering in Career Programs).

Course Changes

The Course Planning form given to you by your counsellor (see page 22) is only a suggested program and sequence of courses. If you have any queries regarding this plan or concerns about changes you wish to make in it, report to a Langara counsellor as soon as possible before your registration date. If you wish to add or change a course after registration, you must report to the Course Change area during its operation. You may discuss the matter with a counsellor and make the necessary changes in your program at that time if space is available. The counsellor will help you as much as possible, but the responsibility for the final choice of courses is yours.

Section Change

Section changes after registration are not encouraged but may be permitted under the following circumstances if space is available:

- a) As a result of an alteration in a student's hours of employment, in which case permission to change a section may be granted if the student presents a letter from his employer;
- b) As a result of an exceptional circumstance — domestic, etc. — not anticipated at the time of the registration.

Application for such late changes must be made at the Student Services Centre and are subject to the discretion of that department and approval from the Division Chairman concerned.

FEES

Tuition (Credit or Non-credit)

- 1) The maximum fee for the College Arts and Science Program or for any full time College Program at Langara Campus is:
\$150.00 per term at the rate of:

- a) 0 - 3 credit hours - \$30.00 per course per term.
- b) 4 - 6 credit hours - \$60.00 per course per term.

Exceptions:

- Nursing 648 - 15 credit hours - \$150.00
 - Recreation 479 - 15 credit hours - \$150.00
 - Theatre Arts 518 - 15 credit hours - \$150.00
 - Theatre Arts 618 - 15 credit hours - \$150.00
 - some career courses require additional fees for materials, e.g. Studio Art, Art in Merchandising, Court Reporter, Photography. (see: course descriptions.)
- In these programs the additional fee is \$5.00 for each \$30.00 course.

- Career program students must pay a non-refundable deposit of \$75.00 when notified of their acceptance into a program, (an

advance fee deposit may be required of students re-registering in Career programs).

- no fee is charged for the Canadian Studies or Classical Studies seminars.

2) Senior Citizen Tuition Fee Exemption:

Exemption from payment of tuition fees is available to Senior Citizen residents of B.C. who are 65 years of age and over. Automatic admission and tuition fee exemption may not be possible in all courses or programs in that some are limited in enrolment or are specifically employment oriented. The Campus Principal (or delegate) shall decide upon the availability of such courses and programs to Senior Citizen students on a fee exempt basis.

3) Miscellaneous Fees:

- a) Fees for non-credit courses. (see page 18):
— Fees for non-credit registration are the same as for credit registration.
- b) Late Registration: \$2.00 per course per term to a maximum of \$10.00 per term.
- c) Student Society: \$3.00 per term basic and \$1.00 per term for each course to a maximum total fee of \$8.00. ALL COURSES ARE SUBJECT TO A STUDENT SOCIETY FEE (WHETHER ON CAMPUS OR NOT).
- d) Guided Independent Study courses: \$30.00

Fee Refunds

The scale below indicates the rate of refund granted if you withdraw from a course or courses which qualify for a refund (see Withdrawals, page 18). Refunds are not processed until the beginning of the month following registration. No refund is granted on "Late Registration" or "Student Society" fees.

Scale of Refunds:

Withdrawal on or before the 15th of the first calendar month of a semester — 80% of the tuition fee.

Withdrawal between the 16th and the last of the first calendar month of a semester — 50% of the tuition fee.

For May/June and July/August terms please see schedule pages 1-4.

NOTE: If you withdraw from a course from the College before the first day of instruction, you will receive a full refund minus a registration fee of \$3.00 per course to a maximum of \$15.00.

Fee Payment

- 1) Registration is not complete until all fees are paid. Please make your cheques or money orders payable to "Vancouver Community College".
- 2) If your cheques are not honoured where drawn, you will be excluded immediately from classes. If you are then allowed to complete registration by cash payments or by certified cheque, you may be re-admitted to all classes on payment of an additional fee of \$2.00 per course for late registration, and, in following terms, you will be required to pay your fees in cash or by certified cheque.

Fee Receipts

Official fee receipts are issued once a term. They must be retained for income tax purposes. Duplicate receipts are not issued. It is essential therefore, that you keep your fee receipt in a safe place when you receive it.

GRADING AND RECORDS

Term Work

Term essays, projects, and reports assigned during the term account for 65 to 80 percent of the grade for each course. The final examination provides an additional means of measuring achievement. It is vital, therefore, for success in any course or program at Vancouver Community College, Langara Campus that you maintain a consistent effort in all assignments and classwork. Many instructors have tutorial periods available every week, particularly for students who need extra help.

Attendance

You must attend all classes, lectures, laboratories, workshops and seminars regularly. Irregular attendance may result in your exclusion from classes. Absence for any cause in no way relieves you of the responsibility for completing the work of the course to the satisfaction of the instructor. If you are unavoidably absent because of illness or some other acceptable cause, you are still responsible for class work or assignments missed. If repeated absences are due to illness, you may be asked to submit medical certificate. If you are absent during the term from any examination for which due notice has been given, you may be required by the instructor to report to the Student Services Centre upon your return to the College.

Final Examinations

To receive course credit, you must write the scheduled final examination for each course taken. The schedules are displayed prominently about the campus at least ten days before the examinations begin. To get credit in your courses, you must accept a commitment to be available for these examinations, as scheduled. You may not expect any re-arrangement of examination times unless you have two or more exams scheduled at the same time. In such cases, you must report such clashes to the Administration office. If you have attended a course throughout the term, but owing to illness or other special circumstances, are unable to write a final examination, you may apply to the Registrar for "aegrotat standing," that is, a grade based upon the term's work. Such applications must be substantiated by a medical certificate or other appropriate documentation.

Grades and Grade Points

Vancouver Community College, Langara Campus uses a letter system to grade your achievements.

Letter Grade		Grade Point Equivalent
A	Distinguished Achievement For consistently distinguished accomplishment in examinations, reports, and class participation.	4
B	Above Average Achievement For consistent mastery of the subject matter of this course.	3
C	Average Achievement For sufficient comprehension of the subject matter. (Under normal circumstances transferable to other post-secondary institutions.)	2
P	Minimum Passing For completion of a course but with below average achievement. (College credit will be granted but you will not normally be permitted to proceed to the next course.)	1
F	Insufficient Achievement For completion of a course without demonstrating sufficient knowledge of the content to receive credit.	0
N	No Credit If you cannot be awarded an A, B, C, P, or F and are ineligible for a W. This includes the student who, having registered in a course: 1) Ceases to attend or to participate in class work after the final withdrawal date (first day of the last month in any term (i.e. December 1, April 1, August 1). 2) Gives notice to the instructor or to Student Services of intent to terminate attendance and participation; or 3) Does not write the final examination.	0
S	Satisfactory	Not to be included in the Grade Point Average
U	Unsatisfactory	Not to be included in the Grade Point Average

For evaluation of achievement in the field work courses in some Career Programs. The courses employing "S" and "U" grades are identified in their Calendar descriptions.

Symbols

O	O in the credit column indicates no credits in this course.	
W	Withdrawal (no credit)	Not to be included in the Grade Point Average
	For the student who after the course change period is granted a withdrawal from a course or courses for medical, compassionate or other reasons considered acceptable by the College.	
X	Duplicate course (no credit)	Not to be included in the Grade Point Average
	When a course is repeated ONLY the more recent grade will be used in the calculation of the grade point average, however, both grades remain on the permanent record. It should be noted that this system functions for courses repeated as of the 79/3 term and thereafter only. Credit will be granted only once for a course regardless of the number of times a course may be successfully completed. A repeated course is known as a duplicate course.	
*	Indicates that the student took the course on a non-credit basis.	Not to be included in the Grade Point Average
#	Grade not available at time of printing.	

Withdrawals

To receive this "W" standing, you must comply with the formal withdrawal procedure at the Student Services Centre. If you do not complete a course and/or fail to write the examination but fail to withdraw officially, you will receive an "N" grade. The final withdrawal date is the first day of the last month in any term (i.e. December 1, April 1, August 1).

After the final withdrawal date, if you wish to leave a course for reasons of doubtful successful completion, you will receive an "N" grade.

In the calculation of the grade point average, an "N" grade is included and carries a grade point equivalent of "O".

For withdrawal dates in the May/June term and in the July/August term please see the schedule on pages 1-4.

Registering on a Non-Credit Basis

With the exception of those courses which must be restricted to students in a particular program, all courses offered at Vancouver Community College, Langara Campus may be taken on a non-credit basis by students who have the necessary pre-requisites. No marks or credit will be awarded, but the course name and number will appear on the student's record together with the symbol (*) indicating the course was taken on a non-credit basis.

Fees for non-credit registration are the same as for credit registration.

Conversion from a non-credit to a credit basis or from a credit to a non-credit basis is not permissible either during or after the term.

Grade Point Average (GPA)

Grade point averages are reported on each Statement of Grades. To find your GPA, multiply the letter grade point equivalent for each course by the number of credits granted for that course. Then add up these figures for all courses and divide the total by the total of credits for all courses you are taking (not including courses graded S or U or W).

Overall Grade Point Average (GPA)

To find your overall GPA, multiply the letter grade point equivalents for all courses on your permanent record by the number of credits granted for all courses. Then add up these figures for all courses and divide the total by the total of credits for all courses you have taken (not including courses graded S or U or W). If you repeat a course, only the more recent grade will be used in calculation of your grade point average although the original grade will remain on your record.

Honours List

If you are registered in 15 credit hours or more and receive a grade point of 3.5 or greater in any term, you are automatically placed on the Honours List of that term. If you are registered in more than 15 credit hours, the calculation for the Honours List is based upon the top 15 credits hours you take in that term. There is an Honours List each term. Each student listed on the Honours List receives a copy of the List shortly after the end of the term. As well, a copy of the Honours List is displayed in the Main Concourse, Academic Building, Langara.

Statement of Grades

A Statement of Grades is mailed to students each term within one week following the last scheduled examination in that term. Grades will not be released to students prior to the mailing date and time, and they are **never** released to anyone else without the student's permission. You must meet all obligations relating to fees, library books or fines, and borrowed equipment before the College will release a Statement of Grades, Transcript, Diploma or Certificate. At registration you must submit a permanent address to which term-end Statements of Grades may be mailed. If you change your name or permanent mailing address, please report the change to the Student Services Centre.

Appeal of Final Grades

If you wish to have a final grade re-assessed, you must submit to the Registrar a request in writing accompanied by a fee of \$5.00 for each grade which you wish re-assessed not later than fourteen days after the mailing date of the original Statement of Grades. You must re-submit term assignments such as essays, lab reports, or similar work with the appeal. A committee of the Faculty will review each appeal, in each case re-

evaluating all the work of the term as well as the final examination. The Registrar will inform you of the committee's decision. If the grade is raised, the \$5.00 fee will be refunded; otherwise, it will be retained. You should be aware that the Committee may lower as well as raise grades it re-assesses.

Advance/Transfer Credit

In some cases the College may grant advance/transfer credit for specific courses provided the courses are completed at an accredited institution.

Pending acceptance in a career program, you may register on an independent basis in both academic and open career courses related to the career program in which you anticipate eventual acceptance. (See the Counselling Department regarding such courses.)

Academic Record and Official Transcripts

The Student Services Centre maintains a permanent record of your courses, credits, and grades.

An official transcript is a copy of a student's permanent record bearing both the signature of the Registrar (or delegate) and the seal of the College.

You may acquire official transcripts in Student Services on request. You must apply for a transcript in person or by written request well in advance of the time for which you need it. Each student is entitled to one transcript free of charge after any term attended. Beyond this, the fee for transcripts is one dollar (\$1.00) for the first and fifty cents (\$.50) for each additional copy ordered at one time.

Generally, you must pay such fees in advance, but at the discretion of the Registrar you may be billed after transcripts are issued. When you submit your request by mail, return delivery of the transcript usually requires about one week.

Transfer to other Institutions

If you plan to transfer from Vancouver Community College, Langara Campus to another educational institution, you should consult the Registrar of that institution to determine the transferability of courses you have taken at Langara Campus. The institution to which your official transcript is sent may evaluate your courses, appraise your letter grades, and compute your grade point average in accordance with its own policies and regulations. If you plan to transfer, you should discuss your plans with a College counsellor, bearing in mind that responsibility for final choice of course of programs is yours.

MAINTENANCE OF STANDING

Re-Admission

If you are returning to Langara, you must re-register for each term. At registration, you must present the **Statement of Grades** from your last term at Langara.

Requirements for Re-Admission: (see also **Grades and Grade Points**, page 16):

By Course:

- 1) Registration in a College course with a prerequisite at the College level requires a grade of "A", "B", or "C" in the prerequisite College Course.
- 2) In some cases, if you receive a grade of "F" in a course, you may possibly not be allowed to re-register in that course. The College reserves the right to restrict or refuse re-registration in a course in which you have received a grade of "F".
- 3) If you withdraw from a course ("W") or receive an "N" grade, you may be permitted to re-register in that course once more. If you repeatedly withdraw from any course, or repeatedly receive an "N" grade in any course you may possibly not be allowed to re-register in that course.

By Program:

- 1) If you receive a grade point average of less than 1.50, you will be placed on probation. You should consult a Counsellor before re-registering.
- 2) If you receive a grade point average of less than 1.50 twice in a row, you may not re-register in the next three terms. Exceptions may be made if you wish to enroll in one or two courses only, or if you wish to alter significantly your educational goals. In either of these cases, you must consult a College Counsellor before re-registering.
- 3) If you receive a grade point of O (F or N) in three or more courses in a term, you will be placed "on probation". Initial placement "on probation" is intended as a warning, and you should see a Counsellor.
- 4) If you receive a grade point of O (F or N) in three or more courses for two terms in a row, you may not re-register in the next three terms. Exceptions may be made if you wish to enroll in one or two courses only; please consult a Counsellor in such cases.

Board of Admissions

Unique cases and circumstances arising from the process of re-admission which are incapable of resolution within existing policies and procedures of the College may be referred through the Dean of Administrative and Student Services to the Board of Admission for resolution.

STUDENT / FACULTY RESPONSIBILITIES

- 1) Your instructor has a responsibility to provide you with frequent evaluation **throughout** the semester. You have a responsibility to keep your work up-to-date so that your instructor can inform you of your progress. Remember that final examinations constitute no more than 20 to 35 percent of your final grade.
- 2) Your instructor has a responsibility to keep regular office hours (and tutorial or seminar hours for the fourth hour of day sections where applicable). You have a responsibility to take advantage of these times to discuss problems or questions you may have.

STUDENT SERVICES CENTRE

If you need any help or information about Langara Campus and your place in it, visit the Student Services Centre. This centre, located on the main floor of the instructional building just east of the main doors, contains the office of the Dean of Administrative and Student Services, the Registrar's Office, the Records Office, the Counselling Department, the Admissions Office, and the Financial Aide Office. The Dean is responsible for all administrative and student service functions and the operation of the following: the cafeteria, the bookstore, day care, health services, financial aid, Canada Manpower placement, building services (parking and cleaning), refunds and tax receipts and student council.

A. Counselling Department

Professional counsellors are available the year round from 0900 hours to 2100 hours every week day. The exception is Friday when 1630 hours is closing time. The office is open to enquirers and applicants as well as past and present students. Counsellors will help you with:

- 1) Admissions — Enrollment Advising
 - a) interviewing for admission; procedures of application; review of educational background; determination of advance credit; course planning.
 - b) course changes; withdrawal procedures; interviews for re-admission; determination of diploma completion.
 - c) academic advice and information about general educational opportunities; university transfer information.
- 2) Counselling and Guidance
 - a) interview for vocational, educational, and personal counselling.
 - b) consultation about testing; guidance information; referral to College and community resources.
 - c) conducting personal development groups.

B. Registrar's — Records Office

Even before you have officially registered as a student, you may get from the Registrar's Office:

- a) Calendars
- b) Term schedules
- c) information about the registration process
- d) application forms for employment as a student aide

After you have registered, you will find this office helpful in providing:

- a) I.D. cards and information about permanent registration numbers
- b) verification of your courses
- c) a lost and found service
- d) emergency contacts with student enrolled at Langara Campus
- e) contact with security and building maintenance personnel

The Records Office also handles all matters concerned with grading, including:

- a) re-reads
- b) aegrotats
- c) information concerning the withholding of marks

In addition, the Registrar and the Records Office provide a wide range of information about official and unofficial records:

- a) transcripts and unofficial duplicates of marks (both at the request of the student only)
- b) fee receipts
- c) certification of registration statements
- d) change of address and change of name forms
- e) education deduction forms
- f) Eric Hamber records

Lost and Found

The Lost and Found, located in the Student Records Office, keeps articles for one term following the one in which they are found. Thereafter, they are given to charitable organizations for distribution.

Religious Counselling

You may make arrangements through the Counselling Office to receive religious counsel.

Handicapped Students

To provide for the special needs of the handicapped student, the following services are currently available. Please contact the Counselling Department at Langara for more information.

- confidential counselling (personal, educational, vocational)
- pre-registration and time-tabling
- individual campus orientation tours
- campus accessibility information and maps
- special arrangements for examinations if necessary
- volunteers and student aides to assist in taping, note-taking, library research, lab work, typing, etc.
- reserved parking area for cars with official stickers
- lockers available through Student Society office
- financial advice and assistance from Financial Aid office in counselling area
- special assistance in addition to regular year round health care from Health Services
- the Library has a large collection of taped material plus a Visualtek, cassette players, slide viewers, slides, etc., on the 4th floor. Contact Marianne Wynne, librarian responsible for Inter-library Loans and materials for the visually handicapped
- P.E. and Recreation — contact the Physical Education and Recreation Department for recreational counselling and information on Wheelchair Sports program
- English Placement Test and Math Diagnostic Test in braille, large type, and on tape
- Guided Independent Study (cassette/tutorial) courses being offered: English 127, 128 and 229; French 115 and 215; Anthropology 120; Geography 180; Mathematics 162 and 262; History 117; Sociology 120; and Psychology 115 and 215.

SUPPORT SERVICES

Bookstore

The Bookstore, on the second floor of the instructional block opposite the elevator doors, stocks texts and supplementary books for College Courses as well as other books and periodicals of general interest and necessary stationery supplies. It is also the campus shop for College mugs, T-shirts, pins, cards, gift wrap and other items of special interest to Langara students. During the first two weeks of each term, the Bookstore operates a special text book centre in the basement of the Library (Room L007).

Canada Employment Centre on Campus

The Canada Employment and Immigration Commission provides a no-cost year-round service for students enrolled at Vancouver Community College, Langara Campus. Placement of graduating students is the primary objective. However, every effort is made to secure employment for students between terms and on a part-time basis during the College year. If you wish part-time employment through the school year, you should register as soon as you have established your course timetables. If you wish summer employment, you should register in April or May, the Centre posts both full-time and part-time jobs on information boards located in the office.

If you are graduating, you should complete applications for employment and/or resumes as early as possible after enrollment in your final term. You should also arrange for an appointment with a Canada Employment Centre counsellor so that the Centre can organize appointments for interviews with employer-recruiters. These interviews take place from mid-January to the end of March. Permanent positions are available on a continuing basis throughout the year; you should therefore, keep in touch with the Placement Office after you complete your final term.

If you wish information about career opportunities, you may use the Centre library, which contains books related to the world of work, including occupational publications.

The Canada Employment Centre on Campus, adjacent to the Main Concourse, is open from 0830 to 1630 hours, Monday to Friday. Telephone: 324-5345.

Employers are encouraged to write for further information to:

Canada Employment Centre on Campus
Vancouver Community College, Langara Campus
100 West 49th Avenue,
Vancouver, B.C.
V5Y 2Z6

Gold Room

The Gold Room, Room A326 in the instructional block opposite the third floor elevator, provides the tutorial instruction to students needing help with writing, mathematics, physics and chemistry.

The room is designed to provide individualized learning assistance to students who have been referred to the room by their instructor and to those who have identified areas in which they need help.

The Gold Room provides a large variety of helpful printed materials and, in some subject areas, mini-courses designed to improve student learning skills.

Any student is welcome at the Gold Room during its hours of operation.

Health Services

The College Health Service provides free and confidential health care on a continuing basis to students while at the College.

Hours: Monday to Friday 0900 to 1630

Phone: 324-5256

Location: Main Concourse opposite the elevators

Emergency Number: Dial 300

Personnel: Community Health Nurse, Physician, Psychologist, Psychiatrist, Orthoptist (eye testing), and Receptionist.

Services Offered: emergency treatment, treatment of minor medical and surgical problems, management of anxiety, short term therapy, crisis intervention, relaxation training, health education for groups or individuals, health counselling, Medical Services Plan information, referral services, pregnancy tests, birth control counselling, vision tests, blood pressure checks, allergy injections, nutrition and weight control counselling.

The Library

The library, located west of the quadrangle, contains many resources including books and periodicals (magazines) for research or browsing, newspapers, annual reports, pamphlets, slides, audio-tapes, cassettes, and films.

The reference librarian's main responsibility is to help students and instructors in locating materials for their learning and teaching needs. Reference assistance is available on the main floor of the library during all library hours.

There is now a microfiche catalogue for the entire V.C.C. Collection, housed at the Langara, Vancouver Vocational Institute and King Edward campuses. A province-wide system of inter-library loans provides access to the collections at other B.C. colleges and universities as well. See a reference librarian if you can't find what you're looking for.

The books are located in the lower basement and on the second and third floors. Study carrels and tables are located in the lower basement and on the second, third, and fourth floors. In addition, you will find:

in the basement: typewriters for general use.

on the first floor: the reserve collection which contains articles and books selected by instructors for specific courses. Reserve books can be checked out for short periods only. You will also find the Reference books and periodical indexes here. These reference materials may not be taken out of the library. You will also find photocopy machines in the Reference area.

on the Mezzanine: periodicals which may be taken out on twenty-four hour loans.

on the Fourth Floor: audio-visual equipment and materials, such as films, tapes, and slides. Cassette tape recorders can be taken home. The Reading Laboratory is also on the Fourth Floor. (see page 27).

The library has an individualized orientation program to help you learn how to use the facilities. Please ask a librarian about it.

Library Hours:

Fall and Spring — Monday - Thursday — 0800 - 2100 hours
Friday - — 0800 - 1630 hours
Saturday and Sunday — 1200 - 1700 hours

Summer — Monday - Thursday — 0800 - 2100 hours
Friday - 0800 - 1630 hours
Saturday - 1300 - 1700 hours
Sunday — Closed

Intersession — Monday - Friday — 0800 - 1630 hours
Saturday - Sunday — Closed

Parking

Student parking on campus is free. Street parking in the area is restricted, and regulations are enforced by tow-away penalties. The faculty parking lot is reserved for faculty, and unauthorized cars (those without appropriate windshield stickers) will be towed away at the expense of the owners. Handicapped students should contact the Security Office of Langara Campus for special parking facilities.

Physical Education

If you are interested in developing or maintaining physical fitness or cultivating leisure-time recreational activities, the College provides the following resources:

- 1) Service Activity Courses: see the description on page 93.
- 2) Intercollegiate Athletics: Langara Campus competes in the Totem Conference which includes two-year post-secondary schools in the province. Schools compete in the following sports — for men: rugby, soccer, basketball, volleyball, badminton; for women: field hockey, volleyball, basketball, badminton.

Langara Campus is also a member in good standing in the 4-West Championship organization which was first organized in 1971 to obtain a champion of the four western provinces in selected sports.

- 3) Intra-Mural (Campus Recreation) Program: The Intra-Mural program at Langara Campus provides opportunity for involvement in five main areas:
 - a) league play — floor hockey, basketball, soccer, volleyball, badminton and touch football.
 - b) individual recreational activities — skating, swimming, tennis, and badminton.
 - c) Special events — swim meets, square dances, car rallies, and orienteering.
 - d) Keep-Fit Program — yoga, keep-fit, and exercise circuit.

- e) Challenge cup — student groups may participate in sports or recreational activities of their own choice on a challenge basis.

In striving to meet their objectives, the Intra-Mural Council has designed opportunities for fun and total participation in a relaxed environment.

Publications

The College newspaper, SAVANT, is published by the Journalism students at Langara Campus. It contains major news stories about all campuses of Vancouver Community College, student discussion material, entertainment and book reviews, and many other items of general student interest. It is free to all students.

Reading Laboratory

The Reading Laboratory, in Room L403 (Fourth Floor Library), offers the opportunity to develop college level reading, study, and note-taking skills.

Student Society

The Langara Student Society is a student organization governed by a student executive which is elected annually. The Student Society, through its executive, the Students' Council, is responsible for social activities, some publications, intra-mural sports, coordination of events, and liaison between students.

All students pay a Student Society fee to provide funds for the operation of the society. (see page 15)

Any group of students in good standing at Vancouver Community College, Langara Campus may organize a club on campus with the approval of the executive of the Student Society. They may apply for Student Society funds to support their activities if they have some degree of organization, offer an activity which is of interest to the student body, and are approved by the Student Society.

The Student Society also operates a housing service which provides information concerning facilities available for students.

If a Student Society Executive so recommends, or a group of students petition in accordance with the Student Society Constitution, the College may provide, for a limited time, financial control services. It would be necessary to have a specific agreement drawn with the understanding that the Student Society's autonomy with respect to expenditure priority would be maintained.

A copy of the Student Society Constitution is available at either the Student Society office on the second floor, or the Student Services office on the first floor of the academic building.

THEATRE

Studio 58, the theatre in the basement at Langara (Room A058), presents plays throughout the year. All productions are designed and directed by professionals who also teach in the Theatre Arts Department. Students in the six-term professional training program play the parts and do the technical and backstage work.

Ticket prices are very reasonable, and you can save even more by buying a voucher book of ten tickets, good for five years. ALL Studio 58 shows have one free performance for V.C.C. students, usually the preview before opening or the first Monday after opening. Reservations are advised. Most performances start at 8:00 p.m. Call local 227 (324-5227) for more information.

CERTIFICATES AND DIPLOMAS

Certificates

If you complete successfully the requirements of a two-term Career Program (one academic year), you are eligible to receive a Vancouver Community College, Langara Certificate. In the 1981/82 college year, Langara will offer the following Certificate programs:

- Early Childhood Education
- Small Business Development
- Teacher Assistant
- Welfare Aide

Exceptions are the Small Business Development Program and the Early Childhood Education Program which require the satisfactory completion of three terms of study.

This calendar lists Certificate Requirements specific to each program. (see index)

Diplomas

If you complete successfully the requirements of a four term program (two academic years or the equivalent), you are eligible to receive a Vancouver Community College, Langara Diploma.

Exceptions are, the Data Processing Cooperative program, the Nursing Diploma program and the Theatre Arts Diploma program which require the satisfactory completion of six terms of study; the Court Reporter Diploma program and the Food Services Technician Diploma program require five terms and the Journalism Accelerated Diploma program requires three terms.

In the 1981/82 college year, Langara will offer the following Diploma programs.

- Arts and Science
- Arts and Science (Canadian Studies) (See page 29)
- Arts and Science (Classical Studies) (See page 30)
- Arts and Science (Physical Education) (See page 30)
- Accounting
- Art in Merchandising
- Business Management
- Co-ordinated Studies
- Court Reporter
- Criminal Justice
- Data Processing
- Finance and Investment

- Fine Arts
- Food Services Technician
- General Education
- Journalism
- Library Technician
- Marketing and Sales
- Nursing
- Photography Technician
- Realty Appraisal
- Recreation Leadership
- Theatre Arts

A diploma requires the successful completion of 60 credit hours. Of these, you must take at least 6 credit hours in the English Department, and you must complete a minimum of 50% of your studies at Langara. This 50% **must** be the final 50% of your studies; you may not take 50% of your work at Langara Campus, transfer elsewhere for the final 50%, and expect to receive a Langara diploma.

You may use courses for only one diploma. If you desire an additional diploma, you must earn the necessary 60 credits with courses not used for the previous diploma.

General requirements for the Arts & Science, Co-ordinated Studies, and General Education Diplomas are listed below. For all other programs, you will find specific requirements listed elsewhere in the calendar (see index).

ARTS AND SCIENCE This diploma allows a degree of concentration in academic areas of interest for those students who plan 2 years of college study. With appropriate selection of courses, this diploma is suitable for students planning studies beyond the 2-year college level.

You must select at least 45 credit hours from courses offered by one or more of the English and Modern Language, the Humanities and Social Science, or the Mathematics and Science divisions. You may not select the 45 credit hours from those courses designed, for the most part, for Career diplomas (courses are designated by an asterisk in the calendar). Students taking English courses must include one of English 127 or English 128 and one of English 229 or English 230 within the above-mentioned 45 credit hours.

ARTS AND SCIENCE (CANADIAN STUDIES) For the diploma in Arts and Science (Canadian Studies) you must complete:

- 1) The requirements of the diploma in Arts and Science, including at least six of the following courses:
Anthro 150, 221, 240; Business 195; Business Law 115, 215; Business Procedures 115; Economics 115, 116; English 325; any French course; Geography 120, 130, 150, 155; History 116, 117, 217, 161, 216, 369; Income Tax 325; Investments and Institutions 115, 215; Legal Procedures 225; Marketing 115; Political Science 117, 119, 209, 219; Real Estate Law 325; Sociology (at the recommendation of the instructor).

For questions concerning courses taken prior to 1981, please check with the Canadian Studies coordinator.

- 2) One semester of interdisciplinary material presented in weekly two-hour sessions.

ARTS AND SCIENCE (CLASSICAL STUDIES) For the diploma in Arts and Science (Classical Studies) you must complete:

- 1) The requirements of the diploma in Arts and Science, including at least six of the following courses:
At least two courses selected from: Latin 115; Latin 215; and/or Greek 115; Greek 215; the remaining courses from: Anthro 195; Art Hist. 114; Hist. 111; Hist. 211; Hist. 113; Phil. 101; Rel. St. 230; and other such relevant courses as may be offered from time to time.

- 2) Attendance at a one-semester colloquium on classical topics presented in weekly two-hour sessions.

ARTS AND SCIENCE (PHYSICAL EDUCATION) For the diploma in Arts and Science (Physical Education) you must complete:

- 1) A minimum of 3 to a maximum of 18 credit hours selected from appropriate university transfer, physical education and/or recreation courses numbered 160 or higher (designated by a triangle) plus
2) A minimum of 6 to a maximum of 16 credit hours selected from appropriate university transfer, physical education and/or recreation courses numbered from 130 to 159 (designated by a triangle) plus
3) The balance of the credit hours must be selected from courses offered by one or more of the English and Modern Languages, the Humanities and Social Sciences, or the Mathematics and Science divisions and MUST include a minimum of 6 credits from offerings in the English Department as follows: one of English 127 or English 128 and one of English 229 or English 230.

NOTE: IT IS ESSENTIAL THAT EACH STUDENT APPLYING FOR A DIPLOMA IN ARTS AND SCIENCE COMPLETE 60 CREDIT HOURS OF STUDY (SEE PAGE 29)

DIPLOMA IN CO-ORDINATED STUDIES You must successfully complete a recognized college level certificate program equivalent to at least 30 Langara credit hours (subject to evaluation by the counselling department, Langara) plus one year of study in Arts & Science (30 credit hours) at Langara. You must choose a minimum of 6 credit hours from the offerings of the English Department.

DIPLOMA IN GENERAL EDUCATION This diploma is appropriate if you prefer a diverse selection of courses and do not necessarily plan to undertake university study. You may select the basic requirements of 60 credit hours from any of the Langara divisions: Career, English & Modern Languages, Humanities and Social Sciences, or Mathematics & Science. You must choose a minimum of 6 credit hours from the offerings of the English Department.

NOTE: To receive a certificate or diploma, you must apply for graduation at the Student Services Centre prior to March 15, for a certificate or diploma to be received at the Graduation ceremony held annually in the spring of each year. You should apply for graduation as soon as you complete certificate or diploma requirements, regardless of the term.

APPEALS You should submit appeals regarding evaluation to the Appeals Committee as established by the Campus Principal.

Dean's List

Diploma or Certificate candidates who achieve a grade point average of 3.50 or greater in the two final terms at Langara Campus and who were registered in 12 credit hours or more in each of the two terms are eligible to be placed on the Dean's List. The Dean's List is printed once a year, in the Program which is distributed to the candidates each May at the Ceremonies for Graduation.

COLLEGE PROGRAMS AT LANGARA CAMPUS

College Programs

A college course at Langara Campus normally consists of three or more hours of classwork per week in one subject area for a four-month period.

A college program consists of a planned selection of courses which together provide purposeful study towards some definite educational or occupational goal.

College Arts and Sciences

The college offers programs in a number of subject areas at Langara, including English, Mathematics, Humanities and Social Sciences, Physical and Life Sciences, Modern Languages, and Physical Education. You will find requirements in these programs very flexible. Most of the courses in these fields have transfer credit at universities in British Columbia.

With appropriate course selection, you may progress to a College Diploma in Arts and Science, to specialized training in a career field, or the advanced study at other post-secondary institutions. Many of these programs are available through evening classes.

College Career Programs

Langara offers programs developed with the co-operation of advisory committees in career fields which lead to careers in the arts, business, industry and community services. Because of their specialized nature, career programs allow you to enrol in a limited number of electives.

To apply for admission to a career program, you must submit a special application (available from Student Services). The applications are considered in the order in which they are received. The normal deadline for September commencement is April 30. Applicants who meet criteria for admission are accepted on a "first come, first served" basis. The Board of Admissions may adjudicate special cases. Student Services will provide you with dates for application for admission to programs starting at other times.

Career programs are usually either four terms in duration, requiring two years to complete. You must complete all the prescribed courses in order to qualify for either a Diploma at the completion of a two year program or a Certificate at the completion of a one year program. A Certificate will not be granted for completion of one year of a two year program.

College Co-ordinated Programs

Diploma Programs combining work at two or more Vancouver Community College Divisions are available in a number of specialties. *Virtually all of the programs offered at the Vancouver Vocational Institute, for example, may be combined with study at Langara for Co-ordinated Diploma Standing.*

You may obtain details of Diploma requirements in specific specialties, from counsellors at either Langara or at the Vancouver Vocational Institute. (See page 46)

COURSE DESCRIPTIONS

Course Numbering

All credit courses for College Certificate or Diploma at Langara are designated by a three-digit number. The subject field of the course precedes the number, and the credit hours assigned to the course are indicated in parenthesis following. In many cases, courses carry descriptive titles and these follow the course name and number.

Example: History 149 (3)

Twentieth Century Britain

In general, the first digit of the three-digit course number indicates the term in which you may first take the course. For example, because the first digit of CHEMISTRY 215, is "2", you may not take this course until you have completed at least one previous course in Chemistry — in this case CHEMISTRY 115.

Prerequisites

Prerequisite requirements, where applicable, are included in course descriptions. In the case of a number of career programs, specific prerequisites are not indicated. Acceptance in these courses generally depends on the degree of your success in the previous term.

Though certain courses numbered at the 200 level or above do not call for specific prerequisites, the College feels that you should complete at least one term of appropriate Langara studies before attempting such courses. You should select your courses with care to ensure that you undertake a College program that will not only fulfill College Certificate and Diploma requirements but also best meet your future educational and career needs.

As indicated previously, you must remember that the final responsibility for selection of courses rest with you.

Credits

The standard unit of credit represents a minimum of one hour per week of classroom work for a term. Most courses carry three units of credit but require more than three hours of classroom work or the equivalent in laboratories, seminars, tutorials, etc.

Credits are indicated in parenthesis immediately after each course number.

Hours of Instruction

The number of hours of lectures, seminars or tutorials, and laboratory work per week is shown following the course description. It is given as a series of three numbers. For example: 3:1:0 indicates that a course consists of 3 hours of lecture, 1 hour of seminar, and 0 hours of laboratory work per week.

Courses Offered

The following courses with few exceptions will be offered at Vancouver Community Collège, Langara, during the three terms comprising the 1981/82 College year. Not all courses will be offered during any one term. Offerings depend upon the number of students registered for various courses, and the availability of faculty and classroom accommodation.

CAREER PROGRAMS

The following full-time career programs will be offered during the 1981/82 College year.

APPLIED ARTS

Art in Merchandising Program
Journalism Program
Photography Technician Program
Theatre Arts Program

BUSINESS ADMINISTRATION

Accounting Program
Business Management Program
Data Processing Program
Finance and Investment Program
Marketing and Sales Program
Realty Appraisal Program
Small Business Development Program

COMMUNITY SERVICES

Court Reporter Program
Criminal Justice Program
Early Childhood Education Program
Food Services Technician Program
Library Technician Program
Teacher Assistant Program
Welfare Aide Program

FINE ARTS

Fine Arts Program

NURSING

Nursing Program

PHYSICAL EDUCATION & RECREATION

Recreation Leadership Program

You should address enquiries regarding career programs to the Student Services Centre.

APPLIED ARTS DEPARTMENT

The College reserves at its discretion, some propriety rights in works of art produced by student with college materials.

Art Merchandising Program

Employment opportunities exist for those with a sound knowledge of display, advertising and interior design coupled with commercial art training. If you are entering this program you should have an interest and some ability in art, and you should be interested in using your art training in a business setting. You should note that design opportunities in the advertising and interior design fields are limited without further training.

You should bring an art portfolio or other acceptable samples of previous work when called to the selection interview.

Art in Merchandising Workshops involve both lectures and practical work with emphasis on design related to display. Subjects include basic design principles, perspective renderings, graphic arts as related to advertising, fashion history, interior furnishings and design.

FIRST TERM

Small Business 115
Communications 115
Fine Arts 115
Art in Merchandising 118
Art in Merchandising 128
Art in Merchandising 138

THIRD TERM

Advertising and Sales
Promotion 321
Mathematics 119
Psychology 117
Art in Merchandising 318
Art in Merchandising 328
Art in Merchandising 338

SECOND TERM

Communications 118
Fine Arts 215
Marketing 115
Art in Merchandising 218
Art in Merchandising 228
Art in Merchandising 238

FOURTH TERM

Marketing 321
Art in Merchandising 418
Art in Merchandising 428
Art in Merchandising 438
Art in Merchandising
Field Work 429

There is a materials fee each term for basic supplies required in the Art in Merchandising Courses.

NOTE: You must have a minimum grade of "C" in each Art in Merchandising Course before you are eligible to enrol in the following term of the program.

These courses are restricted to students enrolled in the Program.

* Art in Merchandising Field Work 429 (3)

A one day a week practicum to allow students to obtain "on the job" training in the business community. **0:2:4**

* Art in Merchandising 118 (3) and 218 (3)

GRAPHIC DESIGN

The study of type and graphic art as applied to advertising. **2:0:4**

* Art in Merchandising 318 (3) and 418 (3)

GRAPHIC DESIGN

The study of the principles and application of graphic art in the media including newspapers, magazines, billboards, corporate image, etc. **2:0:4**

* Art in Merchandising 128 (3) and 228 (3)

VISUAL PRESENTATION DESIGN

Basic design principles as applied to display. **2:0:4**

* Art in Merchandising 328 (3) and 428 (3)

VISUAL PRESENTATION DESIGN

Further study of composition, design and color as related to visual presentation in stores, shows and exhibitions. **2:0:4**

*Art in Merchandising 138 (3) and 238 (3)

INTERIOR DESIGN

The history of furnishings and the study of the elements of design as a study base for the practical problems of interior design.

2:0:4

*Art in Merchandising 338 (3) and 438 (3)

INTERIOR DESIGN

Advanced studies in contemporary design, materials, and presentation techniques, applying professional business procedures and techniques to residential and commercial projects.

2:0:4

Journalism Program

The Journalism Program is designed both to train writers for general news assignment and to introduce them to all facets of the communications industry. Because the semesters are largely self-contained units, it is sometimes possible for those with appropriate experience to go straight into second or third term of the journalism specialty.

The program may be taken in either of two patterns: over four semesters with a summer break in the middle (a total of 18 calendar months, starting every September); OR over three consecutive semesters (12 months starting in May). The latter pattern is available only if you already hold a substantial number of college academic credits similar to those taken over the four-term pattern listed below. (Such advance credit MUST be authorized in advance in writing by a Langara counsellor.)

a) Community Journalism

The first half of the program aims specifically at community journalism — the weekly newspaper and the radio station — together with sections on basic writing, history of journalism, and layout.

You examine in detail the preparation and production of weeklies and radio news. With generous support from the B.C. and Yukon Community Newspapers Association and the cooperation of many individual publishers and editors, you meet community newsmakers, such as mayors and school board chairmen, compare the content of metropolitan and rural papers, tour newsrooms and printing plants, talk with working journalists, and analyse publishing economics. You also study newspaper photography, using college cameras and modern darkroom equipment. Throughout the year you will cover and write hundreds of news stories. By the end of the first term, you will be running the campus newspaper *Savant*, preparing it to the camera-ready stage. You publish this paper weekly during the second semester. As part of your introductory radio news coverage, you produce regular news casts for the College Radio station, CNBC, run by the department.

Upon completing the first year, you are qualified to take summer jobs with weekly newspapers or small radio newsrooms.

b) Advanced Reporting

Drawing once again on working Vancouver journalists as part-time resource people, the second half of the program introduces you to the various areas of daily newspaper work (sports, entertainment, leisure, etc.) At the same time you act as Editorial board for the student paper,

planning editorial policy, managing the budget, and directing junior students as cub reporters. You are also introduced to magazine work. You will also opt either for a Print or Broadcast sequence.

You examine the work of news agencies. You debate the "new" subjective journalism movement, and, with the help of the International Association of Business Communicators, you study the business and industrial press. In your final term, you also examine great newspapers from around the world, look at TV news, and investigate the new technology which is bringing dramatic changes to the media. You spend considerable time on specific off-campus news assignments such as court and city hall, and spend one day a week on fieldwork in the medium of your choice — dailies, weeklies, radio, TV or news agency.

At graduation, you should be ready to earn your living in any area of news writing.

Mobility for employment outside Vancouver is highly desirable.

As an applicant you should have a high level of achievement in English and/or writing in the senior grades of secondary school or their equivalent, and experience in school newspaper publication or similar media.

You must be able to type.

You will be given a short pre-selection news-writing test.

If you are a mature student, you are eligible without secondary school completion providing you satisfy all other requirements. A \$50 materials fee may be required.

FIRST TERM

English 127
Shorthand 114
Journalism 118
Journalism 128
Journalism 138
Journalism 148
Journalism 158
Journalism 168

THIRD TERM

Economics 115 or 195
Science 118
Geography 160
Journalism 338
Journalism 348
Journalism 358
Journalism 368 or 378
Journalism 359 or 369

(For the three semester package, consult the Journalism counsellor.)

To earn the Diploma in Journalism, you must get credit in all the Journalism and Academic courses listed above.

(Where possible, you are advised to take some of the academic courses before enrolling in Journalism. If you have a large number of post-secondary credits, you should consult the Journalism counsellor regarding the accelerated Journalism program.)

SECOND TERM

English 229 or 230 or
Communication 115
Geography 150
Journalism 238
Journalism 218
Journalism 228
Journalism 248
Journalism 268
One approved elective

FOURTH TERM

History 369
Political Science 119
Journalism 428 or 468
Journalism 438
Journalism 478
Journalism 469 or 479

These courses (except JOURNALISM 258) are restricted to students enrolled in the program.

*** Journalism 118 (1)**

WRITING RIGHT

Developing journalistic style; expansion of vocabulary; review of grammatical and spelling pitfalls. **1:0:0**

*** Journalism 128 (1)**

FUNDAMENTALS OF REPORTING

Interviewing; writing the basic news story; libel and contempt of court; newspaper workshop. **1:0:1**

*** Journalism 138 (1)**

COMMUNITY MEDIA

How weekly papers work — their community, news sources, staffing and economics. **1:0:2**

*** Journalism 148 (2)**

TYPOGRAPHY AND GRAPHICS

The design of type; type-setting methods; letterpress versus offset; proofreading; newspaper layout; paste-up; writing effective headlines. **2:0:1**

*** Journalism 158 (1)**

RADIO ONE

Writing for the ear; radio newsroom operation; building a news package; working with tape; interviewing; handling wire copy. **1:0:1**

*** Journalism 168 (2)**

PHOTO JOURNALISM

Operating 35mm cameras; lighting and darkroom procedures; light meters and lenses; composition and picture content; spot news and feature pictures; making screened half-tones. **1:0:2**

*** Journalism 218 (3)**

NEWSPAPER PRODUCTION

Producing the weekly college paper for 15,000 readers on three campuses. **0:0:6**

*** Journalism 228 (2)**

EDITING AND LAW

Copy editing techniques; libel and contempt of court. **1:1:1**

*** Journalism 238 (2)**

WEEKLY PAPER MANAGEMENT

Administering the business and policy of a weekly paper; advanced design and editing; use of colour; buying newsprint. **1:0:1**

*** Journalism 248 (2)**

EDITORIALS AND ENTERTAINMENT

Covering the entertainment scene; includes Performing Arts; Fine Arts and Crafts; Commercial and Consumer Arts; Writing editorials. **1:1:1**

*** Journalism 258 (2)**

SPORTS WRITING (option)

Covering the sports scene. Open to students not in Journalism program. **1:1:1**

*** Journalism 268 (2)**

RADIO TWO

Preparing and delivering the radio news package. **3:0:3**

*** Journalism 338 (2)**

NEWS AGENCIES; MEDIA ETHICS

News agencies and syndicates, with emphasis on Canadian Press. An examination of the role and responsibility of the media; including credibility; conflicts of interest; news management; and public access. **1:0:2**

*** Journalism 348 (1)**

DAILY PAPER ORGANIZATION

Management of small town dailies versus major metro papers; deadlines and editions; departments; operation of the rim. **2:0:0**

*** Journalism 358 (1)**

DAILY PAPER WRITING

A laboratory for writing to daily paper standards under deadline pressure. **0:0:3**

*** Journalism 359 (1)**

FIELDWORK / PRINT (Option for 369)

Internship in the print media for one day a week. **0:0:4**

*** Journalism 368 (2)**

ADVANCED REPORTING / BROADCAST (Option for 378)

Covering public affairs, including courts, city hall, legislature and government, for broadcast. **2:0:2**

*** Journalism 369 (1)**

FIELDWORK / BROADCAST (Option for 359)

Internship in the broadcast media for one day a week. **0:0:4**

*** Journalism 378 (2)**

ADVANCED REPORTING / PRINT (Option for 468)

Covering public affairs including courts, city hall, legislature and government for print. **2:0:2**

*** Journalism 428 (2)**

MAGAZINES AND BUSINESS PRESS (Option for 468)

Types of magazines; structure; mechanics and economy; role of editor, art director and publisher; designing and dummyming; production flow control; writing for the business and industrial press.

1:0:2

*** Journalism 438 (2)**

FREELANCING AND FEATURE WRITING

Defining markets; generating ideas; selling ideas; freelance broadcasting. In-depth interpretive and profile writing.

1:0:2

*** Journalism 478 (1)**

WORLD PRESS AND NEW TECHNOLOGY

An introduction to the great newspapers of the world and what makes them great; new technology and the future of the media.

1:2:0

*** Journalism 468 (2)**

DOCUMENTARIES AND TV NEWS (Option for 428)

Writing and editing radio documentaries; writing television news; field-work in the media.

Prerequisite: Journalism 318.

1:0:2

*** Journalism 469 (1)**

FIELDWORK/PRINT (Option for 479)

Internship in the print media for one day a week.

0:0:4

*** Journalism 479 (1)**

FIELDWORK/BROADCAST (Option for 469)

Internship in the broadcast media for one day a week.

0:0:4

Photography Technician Program

The Photography Technician Program prepares you in a wide variety of photographic areas which give you the potential to enter many different types of photo-employment such as photographers' assistants or photography technicians. The photography subjects are supplemented with courses in business, communications, and the sciences which prepare you for situations and responsibilities beyond those often associated with initial employment. You will spend a considerable amount of time doing practical assignments that are representative of those undertaken by photographers' assistants and photography technicians. These assignments involve field conditions as well as laboratory and studio work.

Selection for the limited enrollment is based on the following criteria: academic background, demonstrated interest, realistic employment expectations, a portfolio, and a background in advanced amateur theory as shown by a multiple choice entrance examination. The academic requirement is secondary school graduation with a minimum of Math 12, Chem 11 and Physics 11. Preference will be given to those who have Chem 12 and Physics 12. Demonstrated interest can be shown by at least two of the following:

- a) A minimum B standing in graphic arts, media, visual communications, or similar course in secondary school or other institution.
- b) Minimum of two years in a camera club.
- c) Some part-time or full-time work experience in photography.
- d) Some investigation of the employment prospects at least in the local area.
- e) Exceptional talent of value in photography.

When called to a selection interview (usually in May), you must bring a portfolio of prints, slides, or other graphic communication related to one or more aspects of commercial or professional photography.

FIRST TERM

Communication 115
Mathematics 119
Physics (Optics) 130
Principles of Photography 118
Studio Techniques 118

SECOND TERM

Small Business 115
Chemistry (Photo) 130
Physics (Electricity) 230
Principles of Photography 218
Studio Techniques 218

THIRD TERM

Communication 118
Merchandising 117
Science (Photo) 360
Colour Photography 328
Studio Techniques 318

FOURTH TERM

Photography Articulation 418
Colour Photography 428
Motion Picture
Photography 428
Two Advanced Options from the following
Audio Visual 428
Colour Photography 438
Commercial Photography 428
Industrial Photography 428
Motion Picture
Photography 438
Portrait Photography 428
Photojournalism 428
Sales Workshop 218
Scientific Photography 428

There is a materials fee each term for basic supplies required for the photography courses. Supplies and equipment which must be purchased by each student cost approximately \$650 per year.

These courses are restricted to students enrolled in the Program.

*** Audio-Visual 428 (3)**

The basics of audio-visual practice with emphasis on photographic applications such as slide series, overhead projection view-foils, film strips and film loops. You prepare actual classroom material for instructors in the College.

0:1:5

*** Colour Photography 328 (3) and 428 (3)**

These courses cover basic and advanced colour photography and colour printing with the major emphasis on the negative-positive method of producing colour prints. (Also included are quality control, masking and other control techniques, and experience in custom printing and processing of colour prints.)

328-2:0:6

428-1:0:5

*** Colour Photography 438 (3)**

Custom processing and custom printing operations both at the College and on location at an operating "Custom Lab" with additional assignments in printing, processing, and quality control.

0:1:5

***Commercial Photography 428 (3)**

Product photography for catalogue and illustration purposes is the emphasis of this course. Working to layouts as well as creative and conceptual photographs are attempted. All work is geared to potential client requirements and the highly demanding advertising industry. **0:1:5**

***Industrial Photography 428 (3)**

In-plant photography requires a knowledge of a great many aspects of photography including photographs of industrial processes, manufactured goods, sales training, public relations, etc. In addition there are elements of planning, supervision, instruction, production, recording, and reproduction. You will plan and execute assignments on these and other topics related to photography as applied in industry. **0:1:5**

***Motion Picture Photography 428 (3)**

The first part of the course considers basic in-plant motion picture work, such as rule-of-three, planning, dollying, zooming, use of a variable shutter, etc. You will work alone to produce two or three simple short films, and you will work in a production unit on a more complicated sound film. Editing and A & B rolling are part of the workshop, but printing and processing will only be observed during field trips. **2:0:6**

***Motion Picture Photography 438 (3)**

You will gain additional skills and experience through greater industry contacts during the "field experience" portion of the course as well as taking on assignments which are more ambitious and complicated than those in the compulsory 428 course. There will be greater emphasis on sound filming techniques, editing, and video tape reproduction. **1:0:5**

***Photography Articulation Workshop 418 (3)**

This course covers a wide range of subjects such as the relation between Art and Photography and the practical aspects of operating a photographic business. Guest speakers from the art and business world will give different points of view. **2:0:2**

***Portrait Photography 428 (3)**

This course emphasises the work done by a portrait studio. This includes the following: reception, portrait psychology, marketing, public relations, print finishing and presentation. A wide variety of subjects are photographed both in the studio and on location as in weddings and environmental portraits. **0:1:5**

***Photojournalism 428 (3)**

In this advanced option the emphasis is upon photography for house organs, newsletters, magazines, annual reports and brochures. Slides (transparencies) for A/V programming, general public relations and publicity photographs are additional minor parts of the course. Students will gain experience in providing photographs for the college newspaper and other related publications. **0:1:5**

***Principles of Photography 118 (3) and 218 (3)**

This course covers the fundamental principles of photography and how these are related to the working practice of the photographer and technician. Laboratory assignments are designed to show the theoretical and practical applications which are important for a working knowledge of the topics. **2:0:5**

***Scientific Photography 428 (3)**

You execute projects for the departments within the College that have need of scientific photographic records and displays. These areas require macro- and micro-photographic records in both colour and monochrome. **0:1:5**

***Studio Techniques 118 (3), 218 (3) and 318 (3)**

This course provides the important element of practical experience through a wide variety of hands-on assignments conducted both in the studio and on-location. Some of the specialties touched upon are; copying, portraiture, photojournalism, and commercial photography. A thorough knowledge of the view camera is gained as well as some experience on many other types of equipment. Print finishing and presentation which includes meeting deadlines are also emphasized in this course. **2:0:6**

Theatre Arts Program

Theatre Arts offers a two-year diploma course designed to prepare you for a professional career in theatre.

The first year introduces you to as many aspects of theatre as possible. The second year provides an opportunity to develop specific skills, as well as a variety of techniques needed to perform in allied crafts such as television, film, and radio.

The program can help those who wish to work in stage management, in addition to those whose main interest is acting. The objective is to graduate students who are well-rounded in theatre and whose commitment and aptitude would benefit themselves and the profession.

Lecture and theory are part of the training, but the individual practice of the various skills receives greatest emphasis.

There are four major subjects covered in the first year:

Acting includes improvisation; play readings; text memorization; preparation of audition material; the theory and practice of acting for stage, television, film, and radio.

Movement includes flexibility, agility, stamina exercises, the Alexander technique, fencing, mime, stylized movement, and dance training.

Theatre Skills includes history of theatre and costume, and design and costume construction; make-up; props and scenery construction; use of video equipment; reviewing theatre productions; lighting; production and promotion; stage management.

Voice includes breath control, diction, projection, verse speaking, dialects, accents, foreign languages, music theory and singing.

The instructors are for the most part professional working artists in their

respective fields. We maintain a close liaison with professional companies in Vancouver, most of whom regularly employ our graduates.

You must submit applications for the program on the Career Programs Application Forms available in Student Services, and you must appear for an interview or audition, which is arranged by the department. These are held at regular intervals throughout the year. The department will make arrangements for an interview and audition as soon as they receive your written application.

Intake is limited to ensure students receive intensive individual training.

Applicants are judged suitable for professional training on the basis of health, talent, and commitment. Programs commence in January, May and September.

Unless granted previous credit, first year students must enrol in the total program as follows:

FIRST TERM

English 181
German or French 114
Movement 118
Theatre Skills 118
Acting 118
Voice 118

SECOND TERM

English 281
German or French 114
Movement 218
Theatre Skills 218
Acting 218
Voice 218

If you wish to continue in third and fourth terms, you may specialize in either stage management or acting, at the discretion of the Theatre Arts Co-ordinator. You must, however, have achieved the grade levels outlined below:

To be eligible for second, third and fourth terms you must have a minimum "C" grade in all subjects.

ACTING Option

THIRD TERM

Acting 328
Movement 328
Theatre Skills 328
Voice 328

FOURTH TERM

Acting 428
Movement 428
Theatre Skills 428
Voice 428

To be eligible for fifth and sixth terms, you must have achieved a standard of work that demonstrates professional potential and obtained a minimum of "B" grade in all subjects.

FIFTH TERM

Theatre Arts 518

SIXTH TERM

Theatre Arts 618

STAGE MANAGEMENT Option

THIRD TERM

Prop Construction 318
Lighting 318
Stage Management 318
Production
Administration 418

FOURTH TERM

Prop Construction 418
Lighting 418
Stage Management 418
Theatre Administration 418

To be eligible for fifth and sixth terms, you must have achieved a standard of work that demonstrates professional potential and obtained a minimum of "B" grade in all subjects.

FIFTH TERM

Theatre Arts 518

SIXTH TERM

Theatre Arts 618

You must pay a fee at the beginning of each term to cover the cost of theatre tickets, etc. You must provide a black uniform outfit for movement work as required by your instructor. You are also expected to provide make-up as required, and to be prepared to have your hair cut or styled whenever needed for a part in a production. Three of four productions are presented each term, and fifth and sixth term students are usually given preference in casting.

The College reserves the right to require a medical examination, or the furnishing of medical certificates to ensure the applicant is fit to take this program.

Because the Theatre Arts program is constantly under review to ensure it meets the needs of the profession, the curriculum is subject to change.

These courses are restricted to students enrolled in the Program.

***Acting 118 (3) and 218 (3)**

Theories of acting. Verbal and non-verbal improvisation. Play reading. Text Analysis. Text memorization. Styles in acting. Characterization. Rehearsal techniques. Performance of elementary scene work. **0:1:6**

***Acting 328 (4) and 428 (4)**

Radio Acting. Preparation of audition material for stage work. Rehearsal and performance of advanced scene work. **0:1:9**

***Lighting 318 (3) and 418 (3)**

Theory and design of stage lighting. Special effects and equipment. Plots and cue sheets. Practicum in stage lighting covering various styles of productions. Undertaking total responsibility for lighting from design to operation. **1:1:4**

***Movement 118 (3) and 218 (3)**

A variety of physical exercises designed to increase flexibility, agility and stamina. Hatha yoga. Improvisations. Dance training. **0:1:5**

***Movement 328 (3) and 428 (3)**

Stylized movement, Mime, Fencing Stunt work. Jazz dancing. **0:1:5**

***Production Administration 418 (3)**

Budgeting and organization. Duties of production manager and technical director. **1:1:4**

***Prop Construction 318 (3) and 418 (3)**

Prop, scenery and costume construction and acquisition. Costume, scene and property plot. Care and safety. Practicum in running props, costumes and scenery for productions. **0:1:6**

***Stage Management 318 (4) and 418 (4)**

Duties of the Stage Manager. Preparation of master prompt scripts. Ground plans. Organization of rehearsals. Supervision of crew actors. Practicum in running production. **0:1:9**

- *Theatre Administration 418 (3)
Business management. Publicity. Audience research. **1:1:4**
- *Theatre Arts 518 (15)
Intensive practicum in Theatre Arts, including public performances at Studio 58, and work with professional companies. **0:0:40**
- *Theatre Arts 618 (15)
Continuation of 518. **0:0:40**
- *Theatre Skills 118 (3) and 218 (3)
Introduction to the history of theatre and costume. Basic design and construction of scenery and costumes. Basic lighting design and set up. Duties of assistant stage managers and crew. Review and analysis of productions. Use and care of video equipment. **1:1:4**
- *Theatre Skills 328 (3) and 428 (3)
Make-up. Practicum in stage management and production. **0:1:5**
- *Voice 118 (3) and 218 (3)
Breath control, diction, projection, dialects, accents, foreign languages, music theory and singing. **0:1:5**
- *Voice 328 (3) and 428 (3)
Verse speaking, foreign languages, singing, application of vocal techniques to acting in various mediums and in stage performances. **0:1:5**

BUSINESS ADMINISTRATION DEPARTMENT

Transfer of Credit

Some courses offered by the Business Administration Department are eligible for University Transfer Credit.

Similarly, a number of professional groups recognize some courses offered by the Business Administration Department as satisfying portions of their requirements for professional designation or qualification. Consult a Counsellor or Department Chairman for latest details.

Co-ordinated Diploma

It is possible to receive a Co-ordinated Diploma by combining courses offered in other centres of Vancouver Community College with courses offered by the Business Administration Department and with Langara Arts and Science courses. For example, students who have earned a Business Administration certificate in the V.C.C. Adult Evening Business Administration Program or have taken other V.C.C. courses, may continue their studies toward a regular Langara Diploma or a Co-ordinated Diploma. (All certificates to be evaluated by the Counselling Department — see page 28.)

General Diploma

As an alternative to the specific programs listed, you may elect a General

Education Diploma which permits the selection of a more "personalized" program. Please consult with the Department Chairman. (See page 30.)

Accounting Program

The courses included in this program provide a useful preparation for those interested in accounting occupations in business, industry and government. The program offers preparatory training for students who may consider working toward membership in the Institute of Chartered Accountants, the Certified General Accountants' Association, the Society of Management Accountants or the Institute of Accredited Public Accountants. Liaison is maintained with each of these professional groups so that each may determine the exact credit that will be given to the College Graduate who continues toward professional qualifications.

FIRST TERM

Accounting 115
Business Law 115
Communication 116
Statistics 123, 124 or 181
Data Processing 115

THIRD TERM

Accounting 321
Fundamentals of Finance 321
Economics 321
Management Accounting 323
Credit and Collections 321
Public Speaking 119

SECOND TERM

Accounting 215
Business Law 215
Communication 118
Mathematics 118
Data Processing 215

FOURTH TERM

Accounting 421
Fundamentals of Finance 421
Economics 421
Management Accounting 423
Management Policy and Practices 321
Income Tax 325

Accounting Extended Day Program

The part-time evening program contains many courses that are accepted for equivalency by the various accounting associations and universities.

Please consult with the association or institution of your choice to ensure which courses are acceptable to that specific organization.

Courses normally offered in one or all terms:

Accounting 115
Accounting 215
Accounting 275
Accounting 321
Accounting 353
Accounting 421
Business Law 275
Data Processing 115
Data Processing 215
Economics 321
Economics 421
Mathematics 118
Mathematics 171
Mathematics 271
Statistics 123, 124 or 181

Preference is given to applicants with a "C+" or better average in Eng-

lish, Social Studies, and any of the following subject areas: Mathematic, Law, Bookkeeping, Accounting or studies closely related to training in Accounting.

(For description of courses in Business Administration, see pages 53 to 62.)

Business Management Program

The courses in this program present an alternative to other Langara business programs whereby you may gain knowledge in general management areas. The program emphasizes a mix of academic and business courses relevant to a career in a variety of administrative and office management positions. The course may be co-ordinated between Langara and the Eric Hamber Evening Business Program. Hamber courses, where applicable, will be credited toward a diploma.

FIRST TERM

Accounting 115
Business Law 115
Communication 115
or 116
Marketing 115
Statistics 123, 124 or 181
Psychology 115

THIRD TERM

Data Processing 115 (a)
Fundamentals of Finance 321 (b)
Managerial Accounting 323
Psychology 215 (c)
Elective (d)

SECOND TERM

Accounting 215
Business Law 215
Communication 118
Geography 150 (e)
Mathematics 118

FOURTH TERM

Purchasing 415
Office Management
and Procedures 415
Management Policy
and Practices 321
Personnel Management 115
Elective (d)

NOTES

- a) You may substitute Marketing Research 321.
- b) You may substitute Credit and Collections 321.
- c) Psychology 115 is prerequisite, or you may substitute an academic elective.
- d) You are encouraged to choose electives from the following: Systems 115/215; Property Management 415; Real Estate Law 325; Typing 114; Shorthand 114; Marketing Research 323; Business Procedures 115; Institutional Business Procedures 116; Income Tax 325; Finance 421; Business 195.
- e) You may substitute suitable academic elective.
- f) Registration is currently on a "Space Available Basis."

(For description of courses in Business Administration, see pages 53-62.)

Data Processing Program

This program trains students in computer programming and systems analysis. The full two-year program includes practical experience. You obtain both the theory and practice necessary for well-trained data processing staff.

To apply, you are required to take a Programmer Aptitude test. First

consideration will be given to those scoring in the 50th percentile or higher.

FIRST TERM

Accounting 115
Communication 115
Data Processing
Workshop 118
Statistics 123
Systems 115

THIRD TERM

Communication 118
Data Processing
Workshop 328
Economics 115
Managerial Accounting 323
Systems 321

SECOND TERM

Accounting 215
Computer and Teleprocessing
Systems 215
Data Processing
Workshop 218
Computer Science 231
Systems 215

FOURTH TERM

Management Policy and
Practices 321
Data Processing Workshop 428
Economics 116
Management Information
Systems 415
Systems 421

Data Processing Co-operative Education Program

This program trains students in computer programming and systems analysis. The full two-year program includes practical experience.

Co-operative Education is a process of education whereby formal classroom instruction is alternated with employment in the community. This affords the students an opportunity to supplement and strengthen their academic studies by practical on-the-job experience. This concept of education has proved to be beneficial to both students and employers.

The program will be two years (six four-month terms) in length. Terms 1, 2, 4 and 6 will consist of classroom studies at Langara Campus. Terms 3 and 5 will consist of work experience in the Data Processing community with co-operating employer organizations.

Applicants are required to take a Programmer Aptitude test (first consideration will be given to those scoring in the 50th percentile or higher) and attend a personal interview.

FIRST TERM

Accounting 115
Communication 115
Data Processing
Workshop 118
Statistics 123
Systems 115

THIRD TERM

Cooperative Work
Experience

SECOND TERM

Accounting 215
Computer and Teleprocessing
Systems 215
Data Processing
Workshop 218
Computer Science 231
Systems 215

FOURTH TERM

Communication 118
Data Processing
Workshop 328
Economics 115
Managerial Accounting 323
Systems 321

FIFTH TERM

Cooperative Work
Experience

SIXTH TERM

Management Policy and
Practices 321
Data Processing
Workshop 428
Economics 116
Management Information
Systems 415
Systems 421

(For description of courses in Business Administration, see pages 53-62.)

Finance and Investment Program

Because Vancouver is the financial centre of Western Canada, there are ever-increasing and challenging career opportunities with banks, investment companies, leasing companies, trust companies, credit departments, and related businesses in the field of finance. Employment opportunities and salaries for the successful candidate are excellent.

This two-year program introduces the principles and functions of finance and investment, covering such areas as stock market activity, securities analysis, internal company finance, and the credit-granting process.

The Canadian Credit Institute approves this program as fulfilling the requirements of the basic studies in credit management and qualifying the graduate to enter the Institute's advanced program.

The department will give first consideration to applicants with a "C" or better average in Grade 12 courses or to applicants with two years or more work experience.

FIRST TERM

Accounting 115
Business Law 115
Communication 115
Investments & Institutions 115
Statistics 123, 124, or 181
Psychology 117

THIRD TERM

Credit & Collections 321
Data Processing 115
Economics 115 (c)
Fundamentals of Finance 321
Geography 150 (d)
Marketing 115

NOTES

- May substitute suitable elective (e.g. Purchasing 415, Marketing Research 321 or other Geography course).
- May substitute Canadian Securities Course.
- May substitute Economics 321/421.
- May substitute another Geography course.

(For description of courses in Business Administration, see pages 53-62.)

Marketing and Sales Program

This program prepares you to join the growing number of people finding

interesting and remunerative employment in the distributive and service fields of industry and commerce. It emphasizes inter-personal relations, decision-making processes, and sales and marketing policies and practices. A program of practical participation in business schemes and games, role playing, case study, research and personal development provides the insights which allow you to become effective early in a business career in the growing service industry and its supporting agencies.

The department will give first consideration to applicants with a "C" or better average in Grade 12 courses taken in English, Mathematics, Science, Bookkeeping, Accounting and/or Law.

OR

to applicants with two years or more work experience.

FIRST TERM

Business Law 115
Communication 115
Marketing 115
Mathematics 119
Psychology 117 or 115
Elective*

THIRD TERM

Economics 115
Fundamentals of Finance 321**
Geography 150
Marketing 321
Marketing Research 323

SECOND TERM

Accounting 116
Communication 118
Business Law 215
Statistics 123, 124 or 181
Sales Workshop 218

FOURTH TERM

Economics 116
Advertising and Sales 321
Management Policy and
Practices 321
Marketing 424
Sales Workshop 418

(For description of courses in Business Administration, see pages 53-62.)

*Elective must be chosen from the following courses:

Business Procedures 115
Credit and Collections 321
Data Processing 115
Geography 250
Investments and Institutions 115
Mathematics 224
Merchandising 117
Organizational Behaviour 321
Small Business 115
or course approved by the Department Chairman

**May substitute Credit and Collections 321

Realty Appraisal Program

The increased urbanization of B.C.'s population and the rapid development of physical resources in unpopulated areas have created many situations requiring accurate appraisal of real property. Provincial assessment departments have a continuing task of evaluating new properties and reviewing the assessment on previously occupied land and improvements for taxation purposes. Land developers and real estate firms also require the services of people trained in the complex processes of real property valuation.

Vancouver Community College, Langara offers a full-time two year diploma training program in Realty Appraisal. The principles, methods and techniques of property appraisal constitute the central core of study. Many of the courses receive credit toward professional certification with the Appraisal Institute of Canada.

FIRST TERM

Appraisal 118
Accounting 115
Economics 321
Estimating 215
Mathematics 121

THIRD TERM

Appraisal 318
Appraisal 319
Assessment Procedures 315
English 127
Geography 250

SECOND TERM

Appraisal 218
Appraisal 219
Accounting 215
Real Estate Law 325
Economics 421

FOURTH TERM

Appraisal 418
Appraisal 419
Property Management 415
Data Processing 115
English 229 or 230

(For description of courses in Business Administration, see pages 53-62.)

Evening Courses (Extended Day Program)

The part-time evening program includes all courses required by the Appraisal Institute of Canada for the C.R.A. and A.A.C.I. designations. Upon successful completion of this program, you will be eligible to apply to the Appraisal Institute of Canada to write the National Examination for Appraisal III. This will complete all the educational requirements of the Institute except for three demonstration appraisal reports.

The following courses must be completed before entry into Appraisal 218:

Real Estate Law 325
Accounting 115/215
Economics 321/421
Geography 250
Mathematics 121 (optional)

FALL TERM

1st Year

Appraisal 118

SPRING TERM

Appraisal 218
Appraisal 219

2nd Year

Appraisal 318
Appraisal 319*

*Required by students who do not have broad experience in the appraisal field.

If you wish to qualify for a College diploma, you must, in addition to the above, complete the following courses:

Estimating 218
Property Management 415
Data Processing 115
Condominium Management 415
Assessment Procedures 315
English 127
English 229 or 230

(For description of courses in Business Administration, see pages 53-62.)

Small Business Development Program

(A full-time, one-year certificate program)

If you have a GENUINE DESIRE to run your own business, this three semester Program will provide a rigorous blend of instruction and practical experience designed to assist you in establishing your own business or in working effectively within a small business.

You will develop marketing, financial and operational plans for your new venture, and in the third term you will have an opportunity to start your own business. In addition, a committee of successful entrepreneurs will provide careful coaching and guidance.

FIRST TERM

Communication 115
Small Business Fundamentals 118
Small Business Marketing Skills 128

SECOND TERM

Communication 118
Small Business Marketing Skills 228
Small Business Finance 215
Small Business Management 225
Small Business Planning 235

THIRD TERM

Small Business Implementation 318

Common Courses and Course Sequence Interchangeability

The same courses are required in many of the Business Administration programs. If, as often is the case, you are unsure what program to choose, it may be possible for you to select a "core" of courses for the first one or two terms that allow you to switch from one program to another. This opportunity is of particular relevance to the Accounting, Finance and Investment, Business Management, Marketing and Sales programs and to part-time students. Unless you are restricted by prerequisites, you may take courses out of the normal sequence outlined in the programs.

Substitutions for recommended courses are possible to a limited degree. Please consult with the Department Chairman.

Business Administration Courses

These courses, unless otherwise indicated, are open to regular students as electives.

***Accounting 115 (3) and 215 (3)**

The fundamentals of accounting. An examination of the basic techniques, principles and concepts involved in the accumulation, classification, and presentation of financial data.

Accounting for proprietorship, partnerships, and limited companies. Introduction to financial statement analysis, flows of funds, price-level changes and Manufacturing Accounting. **4:0:0**

***Accounting 116 (3)**

The fundamentals of accounting. An emphasis on the managerial use of financial statements involving analysis, cash budgets, and fund state-

ments. This course is a credit course for students on a College Diploma program other than Accounting, Finance and Investment, or Data Processing.

Prerequisite: Accounting 115.

4:0:0

*Accounting 353 (3)

The review and extension of the concepts of financial accounting and their application to the financial statements studies in Accounting 275 and to additional areas, including income tax. The impact on financial statements of income determination, valuation, and classification alternatives. The use of financial statements for decisions through ratio analysis.

Prerequisites: Accounting 115/215 or 275.

3:1:0

*Accounting 275 (6)

A concentrated course in Introductory Accounting. This course covers in one term the basic accounting fundamentals, techniques, principles, and concepts as encompassed by Accounting 115 and 215.

4:0:0

Prerequisites:

- a) First year Arts or pre-Commerce complete and/or
- b) An extended day student.

(This course is not open to students enrolled in any of the day business programs.)

*Accounting 321 (3) and Accounting 421 (3)

Intermediate Accounting, a comprehensive study of the more complex accounting techniques, principles, and practices. A detailed examination of the methods and concepts involved in the measurement of net income and the determination of financial position.

Prerequisite: Standing of "C" or higher in Accounting 215 or Accounting 275.

4:0:0

*Accounting 475 (3)

A review of the accounting cycle and preparation of financial reports with emphasis on the Accounting Principles and concepts involved. Some areas included are determination of net income and financial position, changes in financial position, statements from incomplete records, and comparative statements.

Prerequisites: Accounting 115/215 or 275.

3:1:0

*Advertising and Sales Promotion 321 (3)

The theory and practice of modern advertising. Course content includes marketing and communication concepts and strategies; creation of an advertisement; media, retail, national, industrial, direct mail and television advertising; packaging; point-of-sale methods; display; case histories; public relations; costing and measuring effectiveness of a campaign. The practical aspects of advertising are emphasized. Course includes field trips and guest speakers.

3:1:0

*Appraisal 118 (6)

This course is the student's introduction to Realty Appraisal and will

cover such subjects as the purpose, functions, and nature of value; basic principles, legal aspects and trends of Real Estate. It includes site valuation, building inspection, materials, basic building cost estimation, and depreciation. You will be prepared to write the Appraisal Institute of Canada Appraisal I exams.

8:0:0

*Appraisal 218 (6)

This course is a continuation of the appraisal process and will deal with more complex aspects of Realty Appraisal. It will stress the three approaches to value, income and expenditure statements, operating expense analysis, capitalization rates, and capital recovery. You will be prepared to write the Appraisal Institute of Canada Appraisal II exams.

Prerequisites: Appraisal 118, Economics 321/421, Real Estate Law 325, Geography 250.

8:0:0

*Appraisal 219 (2)

You will undertake the field work necessary to understand the theory of appraisals. You will take field trips to inspect sub-divisions, housing developments, town house complexes etc. You will learn to measure and write up properties for Appraisal Valuation reports.

Prerequisite: Appraisal 118.

2:0:2

*Appraisal 318 (6)

You will examine more complex valuation and will complete case studies of: leased industrial property, an apartment building, and industrial property. You will also study direct sales comparison, cost analysis, town house development, participation loan, assessment appeal, shopping centre, office building and sub-division. You will be prepared to write Appraisal Institute of Canada Appraisal II exams.

Prerequisite: Appraisal 218, Appraisal 219, Estimating 218, Accounting 115/215.

8:0:0

*Appraisal 319 (2)

This is the field work needed to complement Appraisal 318. The instructor will arrange trips to familiarize you with complex properties and their valuation.

Prerequisite: Appraisal 218, Appraisal 219, Estimating 218.

2:0:2

*Appraisal 418 (6)

You will complete the Appraisal training by submission of actual demonstration appraisals of three properties. There will be further training in valuation by the use of various field books, manuals, and forms in use by qualified appraisers.

Prerequisite: Appraisal 318, Appraisal 319.

8:0:0

*Appraisal 419 (2)

This field work will include trips to see Appraisal Land titles, Realty and Assessment offices. It will familiarize you with the environment you will be working in and introduce you to various data gathering methods and procedures necessary to produce an appraisal report.

Prerequisite: Appraisal 318, Appraisal 319.

2:0:2

***Assessment Procedures 315 (3)**

This study will acquaint you with the procedure necessary to the operation of an assessment office. Main topics will center upon the Municipal and the Assessment Authority of British Columbia Acts. **3:1:0**

***Auditing 423 (3)**

Internal control and auditing procedures involved in the certification of financial statements. Generally accepted auditing standards. Professional and legal requirements in auditing. Prerequisite: Accounting 215. **3:1:0**

***Business 195 (3) and 295 (3)**

These numbers are reserved for business courses that may be offered from time to time by:

- a) College Business Administration Faculty who may wish to present a course in their specialty which may be of limited interest; or
- b) Visiting Business lecturers.

Announcements regarding Business 195/295 offerings will be made by Calendar Supplement. Prerequisites will be announced by special bulletin. **3:1:0**

***Business Law 115 (3) and Business Law 215 (3)**

A general overview of business law, including courses of law, court procedures, law of contracts, agency law, sales of goods, partnership and company law. An introduction to negotiable instruments, tort liability, and the Bankruptcy Act; labour, welfare, and tax legislation, and acts applying to the various financial institutions.

Prerequisite for Business Law 215: Business Law 115. **3:1:0**

***Business Law 275 (6)**

A concentrated course in Business Law. This course covers a general overview of business law, including sources of law, court procedures, law of contracts, agency law, sale of goods, partnership and company law. An introduction to negotiable instruments, tort liability, and the Bankruptcy Act; labour, welfare, and tax legislation; and acts applying to the various financial institutions. This course covers the same material as Business Law 115 and 215 in one term. **4:0:0**

Prerequisites:

- a) First year Arts or pre-Commerce complete and/or
- b) Extended day student.

(This course is not open to students enrolled in any of the day business programs.)

***Business Procedures 115 (3)**

An introduction to business in Canada. This course recognizes the need for a thorough knowledge of the conduct of business in our society with emphasis on the legal, financial, and organizational aspects of commercial and industrial enterprise in the Canadian environment. **3:1:0**

***Computers and Teleprocessing Systems 215 (3)**

This course determines the classes of hardware available: data capturing devices, peripheral equipment including terminals and teletype machines, and computer architecture. **3:1:0**

***Condominium Management 415 (6)**

This course develops the legal, accounting and budgeting, building management, and people management skills directly related to managing condominiums, housing co-operatives, and housing rental units. The course is recognized by the Association of Condominium Management.

Prerequisites: Business Law 115 & Real Estate Law 325. **8:0:0**

***Credits and Collections 321 (3)**

A practical working introduction to the realm of credit granting and collections. Origin, history, theory, and types of credit; credit as a sales force; analyzing credit reports; reactivating inactive accounts; debt collection with customer retention; record keeping; legislation; credit associations; creation of credit plans, and international credit granting. **3:1:0**

***Data Processing 115 (3)**

INTRODUCTION TO DATA PROCESSING

The aim is to provide a broad introduction to the concepts and techniques in the field of data processing. Emphasis will be laid on learning through practical experience with computing systems. While the intention is not to produce programmers, students will be exposed to programming in an easy-to-learn timesharing language (BASIC). Topics, examples and assignments will be chosen to suit the particular interests of the students in attendance. **3:1:0**

***Data Processing 215 (3)**

The aim of the course is to develop a thorough understanding of the analysis and role of information systems in the business environment. Emphasis will be placed on the systems concept and on applying structured approaches to analyzing and solving management information problems. Textbook study of the theory of systems analysis will be combined with case studies of specific applications.

Prerequisite: Data Processing 115. **3:1:0**

***Data Processing Workshop 118 (3) and 218 (3)**

Training and practise in programming on various modern computer units. Programming languages include COBOL and R.P.G. **6:2:2**

***Data Processing Workshop 328 (3) and 428 (3)**

ADVANCED PROGRAMMING

Programming languages include assembler and PL/1. **6:2:2**

NOTE: These Workshops are restricted to students enrolled in the Data Processing Program.

***Estimating 215 (3)**

This is a basic building estimating course consisting of recognition of

building materials, study of design and utility of buildings, reading architect's blueprints, estimating of building costs, techniques of house construction, and building codes.

Prerequisite: Appraisal 118.

4:0:0

***Fundamentals of Finance 321 (3) and 421 (3)**

A study of internal company financing with reference to investments and banking institutions. Major topics are: financial ratio analysis, cash, inventory and receivables management (including consumer credit), fixed asset investment, cash flow forecasting, courses of credit, cost of capital, and appraisal of investment opportunities. Some emphasis on ownership versus leasing and implications of income tax.

3:1:0

***Income Tax 325 (3)**

A course on Federal Income Tax legislation and its impact on Canadian business decisions and development. This course includes a study of the principles behind the Income Tax Act and its regulations, with some coverage of the Act's effect on personal income and the making of personal financial decisions.

3:1:0

***Institutional Business Procedures 116 (3)**

An introduction, designed especially for non-business students, to the business principles applicable to institutions. Topics include: legal and economic status of institutions in relationship to the government, public relations work, basic bookkeeping, statistics, transmittal services.

3:1:0

***Investments and Institutions 115 (3) and 215 (3)**

The course is designed to present and develop the perspective of risk-taking from a variety of stances and in a variety of investment media. The student will become aware of the stock, bond, option, money and commodity markets from the viewpoints of the speculator, investor and customer's representative. Other investment and speculative opportunities in property, gold, silver, art and other collections will be explored. The course progresses from an overview of investment and speculative markets to the analysis market conditions and individual securities.

3:1:0

***Legal Procedures 225 (3)**

A special course designed to serve the needs of the court reporting student; it emphasizes legal court proceedings and the progression of cases through the legal system, both criminal and civil as such things relate to the court reporter and his/her work: Primarily for students in the Court Reporter Program.

Prerequisite: Business Law 115

3:1:0

***Management Information Systems 415 (3)**

This course integrates basic systems theory with design, implementation, and application of management information systems (MIS). This should facilitate the understanding of MIS goals and the effect of MIS on organization structure and corporate management.

3:1:0

***Management Policy and Practices 321 (3)**

Principles of organization and resulting types of business structure, line and staff organization, production problems, aspects of personnel management. This course uses case studies as the principal method of introducing various management policies and practices.

3:1:0

***Managerial Accounting 323 (3) and
Managerial Accounting 423 (3)**

The study of accounting for the manufacturing enterprise including job order, process, direct standard cost systems. Also deals with the problems arising from point project production and spoilage and wastage. It deals with inventory planning and control and payrolls in some detail, and explores the problem of decentralization as an effective management technique.

Prerequisite for Accounting 323: Standing of "C" or higher in Accounting 215 or 275.

Prerequisite for Accounting 423: Accounting 323.

4:0:0

***Marketing 115 (3)**

A concentrated study of texts, readings, and cases concerning the problems of matching demand with supply of goods and services: consumer motivation, market research, selection of marketing strategy, development of the promotional mix, pricing and inventory management.

3:1:0

***Marketing 321 (3)**

A detailed study of practices of middlemen and their role in business. The wholesaling program, product mix, sales promotion, investment, warehousing, and shipping.

Prerequisite: Two terms of Marketing and Sales courses or their equivalent.

3:1:0

***Marketing 424 (3)**

This course involves a comprehensive report on a major marketing or sales problem developed through tutorials throughout the final term of the two-year program. This thesis earns credit as a fourth-term subject.

Prerequisite: Marketing 321.

3:1:0

***Marketing Research 323 (3)**

This course gives a practical working knowledge of and introduction to the effective use of marketing research in business decision-making.

3:1:0

***Merchandising 117 (3)**

A study of retailing methods and techniques particularly as they pertain to firms dealing in products or services requiring some art background.

3:1:0

***Office Management and Procedures 415 (3)**

A broad practical appreciation of techniques in the art and practice of managing an office. The course covers: the role of the office; filing and record systems; microfilming; coding and indexing; control and design of forms; mechanization; reproduction and distribution systems; evaluation

of new equipment; office layout and working conditions; function of the office manager; planning and controls; job design and analysis; performance standards; budgeting; inventory control; payroll and reporting procedures and techniques. **3:1:0**

***Personnel Management 115 (3)**

Essentially a course in human and industrial relations with emphasis on the various processes and techniques of establishing and maintaining an efficient working force through high morale and effective public relations. It studies the more technical aspects of personnel management only in sufficient depth to give a reasonable understanding of their nature and purpose. **3:1:0**

***Principles of Organizational Behaviour 321 (3)**

An introductory examination of work organizations and the behaviour of individuals within them. Phenomena to be studied include organizational structure, organizational environments, group process, perception of individual motivation communication, power processes, leadership and learning.

Prerequisite: First year Arts or pre-commerce complete. **3:1:0**

***Property Management 415 (3)**

A basic course in property management that includes leasing, rent collections, purchasing, property taxes, neighbourhood and property analysis, depreciation, obsolescence, and deferred maintenance.

Prerequisite: Appraisal 218 and 219 or permission of Department. **3:1:0**

***Public Speaking 119 (1)**

This course will develop student confidence and speaking skills. It is a mandatory requirement for the accounting diploma. **0:2:0**

***Purchasing 415 (3)**

Provides the underlying principles of purchasing and related functions, and covers: purchasing and management; organization; quality control; stores function; records and control; budgeting; traffic and expediting; customs and excise duties; forms and procedures; value analysis; capital budgeting; legal aspects; disposals and personnel evaluation and management. **3:1:0**

***Real Estate Law 325 (3)**

The fundamentals of law as it relates to Real Estate. This will include: encumbrances, contract and agency law, leases, transfers of titles, easements, landlord and tenants relations, mortgages, expropriations, and compensation.

Prerequisite: Business Law 115. **3:1:0**

***Sales Workshop 218 (3) and 418 (3)**

A thorough exploration, through two terms, of the role and activity of personal selling with emphasis upon the value of practical participation in the sales situation through operational schemes, roleplaying, and

research. The theory of inter-personal relationships is reinforced by application of carefully developed techniques. **3:1:0**

NOTE: Restricted to students enrolled in the Marketing and Sales Program unless permission granted by Department.

***Shorthand 114 (3) and Shorthand 115 (3)**

Theory and Practice of shorthand to provide a proficiency for general note-taking. Recommended for students seeking to acquire shorthand skills for personal use and for career students whose program requires shorthand, e.g. Journalism. **3:1:0**

***Small Business 115 (3)**

STARTING A SMALL BUSINESS

An introduction to the relevant aspects of setting up a small business. This includes: form of ownership, basic market research, determination of marketing and personal policies, budgeting, government regulations, financing, purchasing, promotion, bankruptcy, and consulting services. It emphasizes a practical approach with the use of case studies. **3:1:0**

***Small Business Workshop 118 (6)**

A practical overview of small business fundamentals such as forms of ownership, issuing of shares, recordkeeping, cash flow, financial statements, contract law, site selection, assessment of financial needs etc. **0:8:2**

***Small Business Marketing Skills 128 (6)**

An intensive study of basic marketing concepts and techniques used by successful small business persons. The course includes lectures, seminars and workshops incorporating the use of case studies, role-playing, audio-visual aids, guest lecturers and actual small business projects. **6:2:2**

***Small Business Financial Skills 215 (3)**

This course is designed to provide the small business person with the basics of finance, budgeting, funding, ratio analysis, turnover analysis, earning power, marginal analysis, costing and other financial skills essential for small business planning and development.

Prerequisite: Small Business Workshop 118 **3:1:0**

***Small Business Management Skill 225 (3)**

A study of fundamental managerial policies and practices as they apply to the small business setting. Emphasis is placed on leadership and the role of the entrepreneur as an employer. Students learn how to multiply themselves through others. **3:1:0**

***Small Business Marketing Skills 228 (6)**

Enables students to practically apply small business marketing concepts and techniques covered in the SMALL BUSINESS MARKETING SKILLS 128 course. Numerous field projects (tailored to each entrepreneur's

needs), guest speakers, role-playing and audio-visual aids will provide the setting for seminars, workshops and tutorials. Students enrolled in this course will be encouraged to concentrate most of their energy on the development of a well documented marketing base for their small business plan.

Prerequisite: Small Business Marketing Skills 128

6:2:2

*Small Business Planning Skills 235 (3)

This course involves the application of "how to" techniques on the development of individual venture plans. Students select a business venture and conduct the research and planning required for the eventual implementation of the business.

Prerequisite: Small Business Workshop 118.

3:1:0

*Small Business Workshop 318 (15)

This is a project term where the students will demonstrate their competence in small business development by implementing a business plan. Students have the option of launching an on-going venture or starting and running a summer venture. In addition, students attend evening classes where they learn to apply problem-solving techniques on actual small business situations. This course also features extensive individual assistance by professional small business development counsellors.

Prerequisites: Small Business Workshop 118, Small Business Marketing Skills 128, Small Business Marketing Skills 228.

0:3:40

*Systems 115 (3) and 215 (3)

Fundamentals of Systems Analysis from Feasibility Study to Implementation. Systems applications, including accounts receivable, accounts payable, payroll, coding methods, card and form design.

3:1:0

NOTE: Priority is given to students enrolled in the Data Processing Program.

*Systems 321 (3) and 421 (3)

Introduction to advanced systems, including disk concepts, linear programming, critical path scheduling, and tele-processing techniques.

3:1:0

NOTE: Restricted to students enrolled in the Data Processing Program.

*Typing 114 (3)

Introduction to the skill of typewriting for beginners. The student will learn the basics of letter, manuscript, and tabulation production and will develop a basic, accurate typing speed, useful for personal requirements.

*Typing 115 (3)

A continuation of 114 for those who have completed that course but require a higher level of proficiency in typing; an alternate to 114 for those students who can prove a typing speed of 30 w.p.m but need to increase that speed and improve their production ability.

1:0:3

Recommended for career students.

COMMUNITY SERVICES DEPARTMENT

Court Reporter Program

This is a five term (20 month continuous) program offered in cooperation with the Attorney General's Department of British Columbia. This program trains you in the skills and duties of verbatim machine shorthand for court reporting. The program will also give you a basic knowledge of the Canadian judicial system with special emphasis on British Columbia court procedures and functions.

The theory of machine shorthand used in this program is compatible with the very latest in computer transcription technology. However, this does not preclude you from the present conventional method of court reporting (taking verbatim machine shorthand in a court and typing transcripts from those notes). In effect, this theory prepares you to meet future technological advances while earning a living.

This program requires a minimum of eight hours of study and practice per scheduled day. With such effort you should achieve 200 words per minute on the stenograph machine.

Admission Requirements:

In order to be admitted to the program:

- You will be required to take aptitude tests.
- You must have secondary school graduation or must be eligible for a Dean's Admission.
- You should have the ability to type 40 wpm at the time of testing.
- You must have unimpaired hearing, speech and vision, good manual dexterity and physical stamina.
- You must have the financial ability to carry out the twenty-month continuous program without the necessity of outside employment.
- You should have an interest in the Canadian judicial system, and its operation.
- You must be mature and emotionally stable in order to deal with a wide variety of people, many of whom are under considerable stress.
- You will normally be required to attend an interview conducted by the coordinator of the program.

Preference will be given to applicants with above average achievement in English and related subjects.

Please see general requirements for enrolling for the first time in Career Programs, page 12.

FIRST TERM

Business Law 115
Communication 116
Machine Shorthand 118
Machine Shorthand 128L
Transcription 138

SECOND TERM

Biology 151
Legal Procedures 225
Machine Shorthand 258
Machine Shorthand 228L
Transcription 238

THIRD TERM

Court Reporting Workshop 348
Machine Shorthand 358
Machine Shorthand 328L
Transcription 338
Typing 115

FOURTH TERM

Court Reporting Workshop 448
Machine Shorthand 458
Machine Shorthand 428L
Transcription 438

FIFTH TERM

Court Reporting Practicum 549
Graded S/U (See page 17)
Machine Shorthand 558
Machine Shorthand 528L
Transcription 538
Transcription Practicum 539
Graded S/U (See page 17)

You must successfully complete Machine Shorthand, Court Reporting Workshop, and Transcription in the preceding term before enrolling in the following term.

***Court Reporting Workshop 348 (3)**

Extension into proceedings at Inquest, Preliminary Inquiry, and Provincial Court trials, using the multi-party dictation boards for nine party dictation.

Prerequisite: Court Reporting Workshop 248, Machine Shorthand 228L and Transcript 238.

2:0:3

***Court Reporting Workshop 448 (3)**

This section covers Supreme and County Court trials together with civil and criminal matters in these courts, and jury trial proceedings, all using the multi-party dictation boards.

Prerequisite: Court Reporting Workshop 348, Machine Shorthand 328L and Transcript 338.

2:0:3

***Machine Shorthand 118 (3) and 128L (3)**

Basic training in the keyboard and theory of the Stenograph Machine followed by lessons in speed building for machine shorthand. At the completion of this term, you should be able to write between 60 and 80 w.p.m. Machine theory taught in this program is for Court Reporting and is computer compatible.

4:3:8

***Machine Shorthand 228L (2)**

Speed building from taped material, with speed testing to 125 w.p.m. in the Steno Lab.

Prerequisite: Machine Shorthand 118 and 128L.

1:0:4

***Machine Shorthand 328L (2)**

Speed building from taped material with speed testing to 150 w.p.m. in the Steno Lab.

Prerequisite: Machine Shorthand 228L.

0:0:5

***Machine Shorthand 428L (2)**

Speed building from taped material with speed testing to 175 w.p.m. in the Steno Lab.

Prerequisite: Machine Shorthand 328L.

0:0:5

***Machine Shorthand 528L (2)**

Speed building from taped material with speed testing to 200/225 w.p.m. in the Steno Lab.

Prerequisite: Machine Shorthand 428L.

0:0:4

***Machine Shorthand 258 (2)**

Speed building from live, multi-party dictation. Most of the material used is from Canadian Courts and Legal proceedings, but literary material is also included.

Prerequisite: Machine Shorthand 118 and 128L.

0:0:5

***Machine Shorthand 358 (3)**

Speed building from live multi-party dictation using Examinations for Discovery and actual courtroom transcripts from B.C. legal proceedings as well as literary material of high word density.

Prerequisite: Machine Shorthand 258.

2:0:8

***Machine Shorthand 458 (3)**

Speed building from live multi-party dictation; this course emphasizes high speed two party dictation up to 175 w.p.m. and literary material of high work density.

Prerequisite: Machine Shorthand 358.

2:0:8

***Machine Shorthand 558 (3)**

Speed building from live multi-voice dictation using appeal books prepared for the B.C. Court of Appeal and other sources of current court material to speeds of 200/225 w.p.m.

Prerequisite: Machine Shorthand 458.

2:0:6

***Transcription 138 (3)**

An introduction to the very basic requirements of preparing legal transcripts.

2:0:3

***Transcription 238 (3)**

Progressive development of transcribing ability with emphasis upon your ability to transcribe directly from shorthand notes into the 'finished product'.

Prerequisite: Transcription 138, Machine Shorthand 118 and 128L.

2:0:3

***Transcription 338 (3)**

Transcribing material dictated in the Court Reporting Workshop, and test tapes directly from shorthand notes.

Prerequisite: Transcription 238, Machine Shorthand 228L, 258 and Court Reporting Workshop 248.

2:0:3

*Transcription 438 (3)

Transcribing the material dictated in Court Reporting Workshop and test tapes from the Machine Shorthand classes, all in the required style and format.

Prerequisite: Transcription 338, Machine Shorthand 328L and 358, Court Reporting Workshop 348 and Typing 115. **2:0:3**

*Transcription 538 (3)

Transcription of material dictated with emphasis on the preparation of appeal Books and special hearings.

Prerequisite: Transcription 438, Machine Shorthand 428L and 458, Court Reporting Workshop 448. **2:0:2**

*Court Reporting Practicum 549 (3)

You will spend a minimum of ten days at court or conference, reporting the proceedings along with an official court reporter. You will transcribe and submit to the official reporter the work done at these hearings. Grades based on performance report submitted by the official reporter. **0:0:8**

*Transcription Practicum 539 (2)

During this course, you will prepare the transcriptions of the days spent with an official court reporter. The instructors in this course will act as resource persons; grades for the work will be based on comments from the official reporter who took the student on the Court Reporting Practicum. **0:0:4**

Criminal Justice Program

This four-term program will provide you with preliminary training through specialized and general education courses if you are intending to proceed to a career with the Royal Canadian Mounted Police, municipal police forces, correction services, industrial security department, protective services agencies, or other law enforcement careers, such as the specialized functions and duties of court clerks and customs inspectors.

It should be carefully noted that if you wish to enter law enforcement agencies such as the R.C.M.P., municipal police forces or correction services, that requirements are established by each agency. In general, these include: maximum age of 27 to 30 years at time of recruitment, excellent physical, emotional and mental health, lack of a criminal record, minimum height of 5'8" for males and 5'4" for females, ability to swim, a valid driver's licence and good moral character.

If you are preparing for security work, investigative and other protective services and customs inspectors, physical requirements are less demanding but good health and moral character are required by all types of work.

Admission Requirements:

In order to be admitted to the program:

- You must have a complete B.C. grade 12 or its equivalent or must be eligible for Dean's Admission.

— You will normally be required to have an interview with the co-ordinator of the program.

— You must not have a criminal record.

Please see general requirements for enrolling for the first time in Career Programs, page 12.

FIRST TERM

Administration 115
English 127
Law 116
Physical Education 116
Political Science 119
Psychology 115

THIRD TERM

Communication 118
Law 316
Mathematics 119
Physical Education 125
Psychology 322
Community Resources 315

SECOND TERM

Administration 215
Communication 117
Philosophy 100
Physical Education 112
Psychology 215
Security 215

FOURTH TERM

Law 416
Psychology 326
Criminal Justice Practicum 419
-Graded S/U (See page 17)
Sociology 121
Court Procedures 415

The following courses are designed primarily for students enrolled in the Criminal Justice Program.

*Administration 115 (3)

Principles of supervision and organization with special emphasis on modern concepts of public service; functions and activities; records; communication; public relations. **3:1:0**

*Administration 215 (3)

Administration of line and staff operations in both public and commercial security organizations; patrol, investigation, traffic, juvenile and other special units. **3:1:0**

*Community Resources 315 (3)

An introduction to the correction and parole systems and their connection with the community agencies which, properly utilized, play an important role in crime prevention and reduction of juvenile delinquency. Specialists will present the lessons in each major area, and field trips will complement the classroom learning. **3:1:4**

*Court Procedures 415 (3)

The collection and presentation of evidence and trial procedures with special emphasis on the role of the officers of the court and witnesses. The course includes visits to the various courts. **3:1:2**

*Law 116 (3)

INTRODUCTION TO LAW

Principles of civil and criminal law, philosophy, theory, history and purpose. Introduction to criminal law and court procedures. Detailed study of torts, contract and property law. **3:1:0**

***Law 316 (3)**

CRIMINAL LAW

Detailed study of the general principles of criminal law, substantive crimes and their punishment.

3:1:0

***Law 416 (3)**

CRIMINAL CODE PROCEDURES

Study of criminal code procedures and selected federal and provincial statutes.

3:1:0

***Security 215 (3)**

SECURITY

Protection of commercial and industrial operations against profit loss because of theft, burglary, shoplifting, credit card and insurance frauds. This course will include guest lecturers, plant visits, guard dog demonstrations, etc.

3:1:0

***Criminal Justice Practicum 419 (3) — (Graded S/U See page 17)**

During this term, you gain further practical experience working in the criminal justice field. The course instructor and your supervisor will evaluate you primarily on your practical work. Service in a police reserve force fulfills the requirements of this course.

0:0:8

Food Services Technician Program

Langara offers a five term (20 month) co-operative education program that is unique in British Columbia. The course content, however, meets the standards established by the Canadian Dietetic Association and you will be eligible for membership in the Canadian Food Service Supervisors Association. The program prepares you to assume both supervisory and technical (dietetic) responsibilities in such institutional food services as hospitals, long term care facilities, schools and colleges, office, industrial or commercial cafeterias.

The program is designed to provide for you a balance of classroom theory and practical experience to develop your knowledge and skills in nutrition, food handling, organization and getting work done through others.

This program currently is offered continuously throughout the year with new classes accepted every eight months on a rotating basis. Term Three is a required co-operative work experience for you in an institutional food service as a dietetic aide or food service worker. Immediately following the fifth term, you will be given two weeks experience in supervision and diet writing to prepare you, in a practical way, for your entry into the field of employment. You can also extend your third term practical experience if it is felt by the Program Co-ordinator or by you that this would be an advantage to your development.

Should you wish to explore this program as a possible career and wish to start as a part-time student, first term courses are offered in the evening on a selected basis. Your subsequent enrolment in the full-time program will accord you credit for appropriate courses.

Admission Requirements:

In order to be admitted to the program:

- You should have sufficient maturity and potential to assume supervisory responsibilities upon graduation.
- You should have an aptitude for working effectively with people in a structured work situation and a sincere interest in quality of food and nutrition.
- You must be willing to work shifts and any appropriate schedule during the week.
- You must have a secondary school graduation or be eligible for a Dean's Admission. (Demonstration of ability to handle course work at the post-secondary level may be required.)
- You must have adequate communication skills to effectively deal with a variety of people.
- You must submit a medical report to attest that you are physically healthy and emotionally suitable for employment in a high pressure work environment. YOUR PHYSICIAN MUST SUBMIT THE REPORT DIRECTLY TO THE COLLEGE HEALTH SERVICES IN THE COLLEGE BEFORE FINAL ACCEPTANCE AND PERMISSION TO REGISTER ARE GRANTED.
- You must have a successful interview conducted by the program co-ordinator or designate, approximately three to four months prior to commencement of the program.

Preference will be given to those applicants who have had satisfactory experience in a food service.

- You must supply on the application form, the names of two references — if possible, preferably the name of a previous employer(s).
- Your application must be accompanied by the following documents as processing will not be finalized until these are submitted.

Transcripts (if applicable)

A current TB certificate

Please see general requirements for enrolling for the first time in Career Programs, page 12.

FIRST TERM

Communication 118
Food Preparation
Workshop 118
Food Services
Workshop 118
Nutrition 115
Science 160

SECOND TERM

Biology 160
Communication 115
Food Preparation
Workshop 228
Food Services Workshop 218
Food Services Field Work 229
-Graded S/U (See page 17)
Nutrition 215
Personnel Management 115

THIRD TERM

Food Services Field Work 239
(Co-operative Education)
-Graded S/U (See page 17)

FOURTH TERM

Food Preparation
Workshop 338
Food Services Workshop 328
Food Services Field Work 329
-Graded S/U (See page 17)
Mathematics 119
Psychology 117

FIFTH TERM

Food Preparation Workshop 438
Food Services Workshop 428
Food Services Field Work 439
-Graded S/U (See page 17)
Institutional Business
Procedures 116
Nutrition 321
Sociology 120

Food Services

These courses, except Nutrition 115 and 215, are restricted to students enrolled in the program.

***Food Preparation 101 (2)**

BAKED PRODUCTS

This intensive course covers the preparation of all baked products and the use of fats in food preparation.

5:5:10

***Food Preparation 102 (2)**

CARBOHYDRATE FOODS

This course investigates fruits, vegetables, salads, sugars and starches.

5:5:10

***Food Preparation 103 (2)**

PROTEIN FOODS

The third course in food preparation concentrates on the preparation of all forms of protein: meat, fish, poultry, eggs, milk products, and gelatin.

5:5:10

N.B. The completion of Food Preparation 101, 102 and 103 is equivalent to Food Preparation 118.

***Food Preparation 118 (6)**

QUALITY STANDARDS

A course emphasizing the principles, techniques, and standards involved in the quality preparation of food.

2:2:4

***Food Preparation Workshop 228 (3) and 338 (3)**

Application of the principles of quality food preparation to the preparation of food in large quantity. You gain practical experience in cooking and organization by preparation of food for the Langara Child Development Centre.

Prerequisite: Food Preparation 118.

2:2:0

***Food Preparation Workshop 438 (3)**

Theory and experience in menu and recipe development to meet the needs of the customer in all types of institutional food services.

Prerequisite: Food Preparation 118 and Nutrition 115.

1:1:2

***Food Services Field Work 229 (3) and 329 (3)**

— Graded S/U (See page 17)

This practical experience supports the Food Services and Food Preparation Workshops. In addition, the summer experience is a part of the assessment, thus giving practical observation by a third person.

***Food Services Field Work 239 (3)**

— Graded S/U (See page 17)

Following the second term you must satisfactorily complete a minimum of 300 hours of supervised experience as a Food Service Worker (Dietary Aide) in an approved food service. This experience is a prerequisite for Food Services Field Work 329.

Prerequisite: Food Services Field Work 229.

***Food Services Field Work 439 (3)**

— Graded S/U (See page 17)

Throughout each term and in the two weeks (70 hours) immediately following the final examinations in April, you are scheduled for field work and observation experience in various areas and types of food services in the community. The field experience is co-ordinated with the material covered in the Food Services and Food Preparation Workshops. You are evaluated on practical work.

0:0:8

***Food Services Workshop 118 (3)**

A study of the organization and management of institutional food services. Areas of study include organization, sanitation and safety, staff training techniques, and work simplification.

3:3:0

***Food Services Workshop 218 (3)**

Management topics include production and methods of food distribution and service to the customers.

Prerequisite: Food Services 118.

2:2:0

***Food Services Workshop 328 (3)**

Discussion and practical experience cover such areas as the organization and operation of the production of food catering, supervision, and staff scheduling.

Prerequisite: Food Service 218.

2:2:0

***Food Services Workshop 428 (3)**

The final workshop is specifically related to study of cost controls, food service layout, purchasing, receiving and storage of foods.

Prerequisite: Food Services 328.

2:2:0

***Nutrition 115 (3)**

An introduction to the science of normal nutrition; a study of the functions and sources of basic nutrients, enabling the student to relate nutritional needs to meal planning for optimum health during all stages of human development.

3:1:0

*Nutrition 215 (3)

Development of the principles of nutrition for the treatment of disease; investigation of common therapeutic diets and their use for the welfare of the patient.

Prerequisite: Nutrition 115 or the equivalent.

3:1:0

*Nutrition 321 (3)

A continuation of the study of therapeutic diets. As well as studying advanced diets, you will receive instruction and experience in diet writing, diet preparation, and patient interviewing.

Prerequisite: Nutrition 215.

2:1:2

Library Technician Program

This two-year four-term Library Technician diploma program is the only such program in British Columbia. It has been developed in accordance with the recommendations made by the Canadian Library Association Sub-committee. The program prepares you for clerical and para-professional duties in libraries. About one-half the program's courses are academic (transferable to university), and you will spend one-half your time learning library and related business techniques. Library course work involves lectures, field trips, field work and workshops. The program's two practicums occur in April and May, the first year practicum being two weeks and the second year practicum four weeks. The field work experience exposes you to the realities of the job and to potential employers.

Langara's Library Technician diploma is recognized across Canada and graduates of the program are currently employed in a wide range of libraries: in those associated with universities, colleges and schools and in public institutions, business, government and professional libraries. As a Library Technician you will usually work with professional librarians — except in extremely small libraries where you might work on your own. You will be required to catalogue, issue and receive a host of library holdings: books, film, pictures, maps, microforms, and records. You must know how to locate specialized materials and how to facilitate maintenance and repair of library items. You can also expect to become involved with public-affairs programs, library tours and children's programs.

As a Library Technician you should enjoy both people and books. A permanent interest in learning is characteristic of the most effective library workers. There is a need for accuracy and attention to detail in the program and throughout your working career. As a graduate you should have a typing speed of 45 w.p.m.

Advance credit is available for typing and academic courses. Should you have such credit, with permission from the instructor, you may complete the program in two or three semesters provided that space is available in the advanced courses and timetabling can be arranged.

Admission Requirements:

In order to be admitted to the program:

- You must be mature and emotionally stable in dealing with a wide variety of people.

- You must have a complete B.C. grade 12 standing or its equivalent, or be eligible for a Dean's admission.
- You must have a good knowledge of the English language and the ability to speak and write clearly and correctly.
- You will be required to take some testing.
- You must have a successful interview conducted by the co-ordinator of the program.
- Your application will not be processed unless it is complete and is accompanied by the following documents:

Transcripts (if applicable)
Letters of Reference

Please see general requirements for enrolling for the first time in Career Programs, page

FIRST TERM

English 127 or 128
Academic elective
Modern Language (at appropriate level: French, German or Spanish)
Typing 115
Library Philosophy & Function 118
Library Techniques 118

THIRD TERM

Academic elective
Political Science 119, 209 or 219
Psychology 115 or a lab science
Academic elective
Library Techniques 218
Library Non-Book Materials 315

SECOND TERM

English 229 or 230
Data Processing 115
Modern Language
Institutional Business Procedures 116
Library Field Work 219
-Graded S/U (See page 17)
Library Techniques 318

FOURTH TERM

History 151
Library Children's Services 412 (4 weeks)
Library Information Handling 413 (4 weeks)

Library Personnel Management 414 (4 weeks)
Academic elective
Psychology 215 or a lab science
Library Reader's Service 416
Library Field Work 419
-Graded S/U (See page 17)

Please consult with a counsellor when you are choosing Arts and Science courses as academic electives to be sure that your choices carry transfer credit.

*Library Philosophy and Functions 118 (3)

This survey course uses lecture, guest speaker, seminar and student report to study the history of books and libraries and current trends in both the library world and the book industry. It examines the role of the library technicians in libraries.

3:1:0

*Library Techniques 118 (3)

You are introduced to cataloguing procedures, including choice of the main entry heading, descriptive cataloguing and filing.

2:0:2

***Library Techniques 218 (3)**

Technical services. Topics: selection aids, acquisitions, bibliographic searching, processing, circulation, inter-library loan, the handling of periodicals, access to government publications and automated cataloguing procedures.

2:0:2

***Library Field Work 219 (3)**

— Graded S/U (See page 17)

During the second term, you visit libraries and related industries in and near Vancouver. Following the final examination period in April, you work two weeks in a library.

0:0:7

This course is evaluated on a *satisfactory/unsatisfactory* scale and, therefore, is not included in calculation of the grade point average. You need a *satisfactory* standing in the course for successful completion of the program.

***Library Techniques 318 (3)**

Subject headings, Dewey and Library of Congress Classifications.

2:0:2

***Library Non-Book Materials 315 (3)**

An introduction to the handling, organization, and cataloguing of non-book materials, including film, audio and video tape, microforms, pictures, pamphlets, etc. You learn to run common audiovisual equipment and to create signs, posters, and library displays.

3:0:1

***Library Children's Services 412 (1)**

Children's literature; history, evaluation and acquisition; school style cataloguing and reading levels; library services to children including puppeteering and story-telling.

3:0:1

NOTE: This course runs for approximately 4½ weeks. (1/3 of a term)

***Library Information Handling 413 (1)**

Information Storage and Retrieval and Special Library Services: Indexing, personal file structures, current awareness, search strategy and profile construction, compilation of subject bibliographies.

3:0:1

NOTE: This course runs for approximately 4½ weeks. (1/3 of a term)

***Library Personnel Management 414 (1)**

Personnel Management and Small Library Management: Staff Selection, Supervision, Motivation, and Evaluation; Library Services and their Evaluation; Organizations and Management Styles.

3:0:1

NOTE: This course runs for approximately 4½ weeks. (1/3 of a term)

***Library Readers' Services 416 (3)**

Reference service in the humanities, sciences, and special subject areas such as law and medicine. The selection and use of reference books, handbooks, encyclopedias, gazeteers, etc. Relating the library to its public.

3:0:1

***Library Field Work 419 (3)**

— Graded S/U (See page 17)

You spend four weeks following the fourth term examinations gaining further practical experience working in a library. You are evaluated primarily on your practical work by the course instructor and by your supervising librarian.

0:0:7

Early Childhood Education

The twelve-month (three consecutive terms) Early Childhood Education Certificate Program prepares you for careers in early childhood centres licensed by the Community Childcare Facilities Licensing Board. Early childhood centres guide the development of three- to six-year olds by providing experiences which meet the children's needs, interests, and abilities. You will be awarded a certificate upon completion of the program. (If you complete the program and one year of academic studies you will be entitled to both the certificate and a College diploma). Entry into this program is only in September.

There are many job opportunities for graduates of the program. However, formal Early Childhood Education Programs are relatively new. Accordingly, neither the importance of the training received nor the importance of the work done are fully recognized. Although there is an imbalance between job-importance and job-earnings, the imbalance is being corrected. The work does provide considerable personal satisfaction. As public appreciation grows, early childhood centre supervisors are earning both professional recognition and appropriate remuneration. Trained supervisors are currently employed in parent-participation pre-schools, private nurseries and kindergartens, child-care centres, and special education centres.

You will study child growth and development, philosophy of early childhood education, curriculum development and human relations. In addition to these classroom studies, you will spend a considerable time in observation of and participation in the various types of early childhood centres. Because of the responsibility in the positions in this field of work, employment opportunities for you if you are under 21 years of age are limited.

Admission Requirements:

In order to be admitted to the program:

- You must be mature and emotionally stable in dealing with a wide variety of people.
- You must have a complete B.C. Grade XII standing or its equivalent and evidence of good student potential. If you are a mature student with slightly less than required academic standing you may be accepted provided you can demonstrate the ability to handle college level academic work. (In addition, some written work will be requested of you at the time of the interview).
- You must provide evidence that you are physically healthy and emotionally stable and, therefore, must have a medical examination during the three-month period prior to entry into the program.

- YOUR PHYSICIAN MUST SUBMIT A REPORT DIRECTLY TO THE COLLEGE HEALTH SERVICES IN THE COLLEGE BEFORE FINAL ACCEPTANCE AND PERMISSION TO REGISTER ARE GRANTED.
- You must have had some current experience in the care of children under six years, particularly with "groups" of pre-school children. You must also provide references certifying the experiences were successful. baby-sitting experience alone is not adequate.
- You must have a good knowledge of the English language and the ability to speak and read clearly and correctly. This is most important as young children are in the process of acquiring language.
- You must have a successful interview conducted by the Program Selection Committee.
- Your application will not be processed unless it is complete and is accompanied by the following documents:
 - Transcripts (if applicable)
 - A current TB Certificate
 - Letters of reference

Please see general requirements for enrolling for the first time in Career Programs, page 12.

FIRST TERM

Early Childhood Education 116
 Early Childhood Education 115
 Early Childhood Education 118
 Early Childhood Education 101
 Early Childhood Education 102
 Early Childhood Education 103
 Early Childhood Education 104
 Early Childhood Education 119
 Psychology 118
 English 127

SECOND TERM

Early Childhood Education 217
 Early Childhood Education 215
 Early Childhood Education 218
 Early Childhood Education 201
 Early Childhood Education 202
 Early Childhood Education 203
 Early Childhood Education 204
 Early Childhood Education 219
 Psychology 218
 Communication 115

THIRD TERM

Early Childhood Education 325
 Early Childhood Education 315
 Early Childhood Education 318
 Early Childhood Education 319
 Early Childhood Education 301
 Early Childhood Education 302
 Early Childhood Education 303
 Early Childhood Education 304
 Psychology 304

***Early Childhood Education 115 (3)**

FOUNDATIONS OF EARLY CHILDHOOD EDUCATION

Study of the basic principles underlying curriculum development with emphasis on the historical, philosophical, and cultural roots of contemporary early childhood education.

3:1:0

***Early Childhood Education 215 (3)**

MODERN THEORIES

A continuation of the theoretical aspect of developing programs for young children with a discussion of current issues and significant innovations in early childhood education.

Prerequisite: Early Childhood Education 115.

3:1:0

***Early Childhood Education 315 (3)**

ADMINISTRATION OF EARLY CHILDHOOD EDUCATION CENTRES

Emphasis in this course is on the organization and administration of early childhood education programs, professional development of staff, community relationships, and professional affiliations.

Prerequisite: Early Childhood Education 115, 215.

3:1:0

***Early Childhood Education 118 (3)**

PROGRAM PLANNING

A practical introduction to the planning and development of programs for early childhood, with emphasis on the selection and presentation of projects and activities in various curriculum areas.

3:0:0

***Early Childhood Education 218 (3)**

CURRICULUM DEVELOPMENT

Practical aspects of planning, implementing, and evaluating curricula in early childhood education programs with emphasis on the subject areas: music, art, science, mathematics, social studies, and language arts.

Prerequisite: Early Childhood Education 118.

3:0:0

***Early Childhood Education 318 (3)**

INDIVIDUALIZING PROGRAMS

Emphasis on providing learning experiences which are geared to the developmental level of the individual child. Criteria and methods or referral for special services within the community are discussed.

Prerequisite: Early Childhood Education 118, 218.

3:0:0

***Early Childhood Education 119 (3)**

PRACTICUM

An overview of the various types of early childhood centres in the community, their goals and objectives, and varieties of instruction and administration.

0:0:8

***Early Childhood Education 219 (4)**

PRACTICUM

Practical experience for developing the skills necessary for curriculum planning in selected early childhood education centres, including the Langara Child Development Centre.

Prerequisite: Early Childhood Education 119.

0:0:12

***Early Childhood Education 319 (5)**

PRACTICUM

Advanced supervised field work experience with particular emphasis on planning and implementing programs in Special Education and in Day-care.

Prerequisite: Early Childhood Education 119, 219.

0:0:16

***Early Childhood Education 116 (3)**

INTRODUCTION TO CHILD GROWTH AND DEVELOPMENT

An introduction to the general principles of growth and development in the early childhood years with particular emphasis on methods of observing, recording, and documenting behaviour.

2:1:1

***Early Childhood Education 101 (1), 201 (1), 301 (1)**

LANGUAGE ARTS

The purpose of this section of the Early Childhood Program is to help students gain knowledge and insight into the development of language of the young child and to provide students with opportunities to practise skills in the motivation and guidance of young children through suitable experiences in the communication field.

Prerequisites: 101 (none), 201 (101), 301 (201).

½:0:1

1½ hours per week each semester, 1 credit each semester.

***Early Childhood Education 102 (1), 202 (1), 302 (1)**

ART EXPERIENCES FOR YOUNG CHILDREN

This course is designed to give an understanding of the value of art experiences for young children. Workshop sessions will provide practical experiences in the various facets of the art program.

Prerequisites: 102 (none), 202 (102), 302 (202).

½:0:1

1½ hours per week per semester, 1 credit per semester.

***Early Childhood Education 103 (1), 203 (1), 303 (1)**

MUSIC EXPERIENCES FOR YOUNG CHILDREN

This section of the E.C.E. Program is designed to provide students with the theory and practical experiences needed to plan a program in music and movement to meet the needs, interests and abilities of young children. Workshop sessions will provide experiences with the various facets of a music program and related materials.

Prerequisites: 103 (none), 203 (103), 303 (203).

½:0:1

1½ hours per week each semester, 1 credit each semester.

***Early Childhood Education 104 (1), 204 (1), 304 (1)**

EXPLORING THE ENVIRONMENT

This section of the E.C.E. Program is designed to provide students with the knowledge and skills necessary to guide the young child's understanding of his environment and his relationship with it. Workshop sessions will focus on appropriate science, social studies, and mathematical experiences.

Prerequisites: 104 (none), 204 (104), 304 (204).

½:0:1

1½ hours per week each semester, 1 credit each semester.

***Early Childhood Education 217 (3)**

HUMAN RELATIONS

A study of the techniques and skills required by the early childhood educator to communicate effectively with children, parents, colleagues, and community resource workers.

3:1:0

***Early Childhood Education 325 (3)**

HEALTH AND NUTRITION IN EARLY CHILDHOOD EDUCATION PROGRAMS

Emphasis in this course is on the health of the young child in relation to diet and disease. It will cover basic First Aid for Early Childhood Education centres as provision for safety within the program.

Prerequisites: completion of second semester.

2:1:1

Teacher Assistant Program

This one-year (two-term) Certificate Program prepares you for a variety of para-professional duties in elementary and secondary schools. It blends academic, theoretical and practical subject matter. You are required to take practicums in both elementary and secondary schools. (Field work experience exposes you to the realities of the job and to potential employers.) If you complete the program and one year of academic studies you will be entitled to both the Certificate and a College Diploma. Courses are offered during the September-to-December and January-to-April terms. Entry to the program is in September.

The need for teacher assistants is steadily growing. School boards, teacher groups, and trustee associations recognize the importance of the job. Innovations in the educational field (individualized instruction, changes in instructional techniques, open-area classrooms, team-teaching, increased use of audio-visual materials and resource centres) require a continual need for teacher assistants. As a teacher assistant you will perform a variety of para-professional duties: tutoring students in special education classes (under classroom teacher supervision), working with physically — or mentally — handicapped children, assisting with other special needs, such as arts and crafts, operating audio-visual equipment, working in libraries and science laboratories, helping with selection and use of resource materials, and assuming many clerical and housekeeping responsibilities. The work is both stimulating and challenging.

Admission Requirements:

In order to be admitted to the program:

- You must be mature and emotionally stable in dealing with a wide variety of people.
- You must have a complete B.C. Grade XII standing or the equivalent. It is preferable that applicants have one or more sciences at the grade 11 and 12 level. While the foregoing is normally required, exceptions are made. Those who have not completed grade 12 but who have significant and suitable experience and/or training are sometimes admitted. (In addition, some written work will be requested at the time of the interview).

- You must have a good knowledge of the English language and the ability to speak and read clearly and correctly. This is most important as young children are in the process of acquiring language.
- You should have an aptitude for working with people, have had experience working with children, are patient, are interested in education, in learning, consider schools to be interesting and exciting places, and enjoy working in a world of rapidly changing ideas.
- You must provide evidence that you are physically healthy and emotionally stable and, therefore, must have a medical examination during the three-month period prior to entry into the program.
- YOUR PHYSICIAN MUST SUBMIT A REPORT DIRECTLY TO THE COLLEGE HEALTH SERVICES IN THE COLLEGE BEFORE FINAL ACCEPTANCE AND PERMISSION TO REGISTER ARE GRANTED.
- You must have a successful interview conducted by the co-ordinator of the Program.
- Your application will not be processed unless it is complete and is accompanied by the following documents.

Transcripts (if applicable)
A current TB Certificate
Letters of Reference

Please see general requirements for enrolling for the first time in Career Programs, page

FIRST TERM

English 127
Geography 150 or elective
Learning Disabilities 115
Science 150
Public Education 116
Teacher Assistant Field
Work 119 - Graded S/U
(See page 17)
Teacher Assistant
Workshop 118

SECOND TERM

Communication 115
Geography 160 or elective
Science 250
Learning Disabilities 215
Public Education 216
Teacher Assistant Field
Work 219 - Graded S/U
(See page 17)
Teacher Assistant
Workshop 218

The following courses, with the exception of Learning Disabilities, are restricted to students enrolled in the Program.

***Learning Disabilities 115 (3) and 215 (3)**

A core program which includes a review of developmental child psychology, approaches to the education of the exceptional child and an introduction to general education principles and the process of individualizing instruction. A workshop in the use of materials, equipment, kits, math aids and readers available in primary classrooms. Learning Disabilities 115 focuses on contact with and understanding of children in primary and elementary schools, while 215 emphasizes the study of adolescent psychology and the role of secondary schools in education. A critical evaluation of existing and differing philosophies of education will include discussion on controversial issues.

3:1:0

***Public Education 116 (3)**

An introduction to the organization and administration of schools with emphasis on the relationship between the school and the community and the changing role of education in our industrial society.

3:1:0

***Public Education 216 (3)**

An introduction to the organization and administration of schools with emphasis on the relationship between the school and the community. Changes in staffing and adapting the schools to serve the community through education in our industrial society.

3:1:0

***Teacher Assistant Workshop 118 (3) and 218 (3)**

Basic training in skills and techniques to prepare you to work in school libraries, in science laboratories, and audio-visual departments in secondary schools. A children's arts and crafts workshop is scheduled weekly.

3:0:3

***Teacher Assistant Field Work 119 (3) and 219 (3)**

— Graded S/U (See page 17)

During November and March you spend Monday, Tuesday and Wednesday mornings and all day Thursday, working in schools with teachers and students. In addition there is a two week practicum (70 hours) at the end of the Spring Term.

0:0:5

Welfare Aide Program

This nine-month (September through May) Welfare Aide certificate program prepares you for employment at the beginning level in a variety of Health and Social Services agencies. The program provides intensive technical planning and focuses on the theory and practice of delivering basic social services. You take seven courses (some academic, some technical) each term. Practical skills — interviewing, report writing, eligibility assessing — are also emphasized. The College certificate is awarded when you have successfully completed the two four-month terms and the one five-week practicum. A co-ordinated Welfare Aide diploma is awarded to those who have also completed one year of academic studies.

Employment opportunities for graduates of the Welfare Aide program vary from year to year because Welfare services have been expanding. During the past few years, recent employment opportunities have been good. The training prepares you to perform many Welfare services which do not necessarily require professional social work training. Graduates have found employment with a number of agencies — Ministry of Human Resources, hospital and rehabilitation centres, Indian Bands, courts, social recreation centres, and the Greater Vancouver Area Homemakers Association. In addition to assisting professional social workers, graduates of the program assume independent responsibility for para-professional functions. Because of the nature of the work, however, employment opportunities for those under 21 years of age are severely limited.

This program is neither designed for, nor recommended for you if you already hold a university degree(s). If you hold a degree(s) you would be advised to pursue social welfare courses offered by Continuing Education at both Langara Campus and the University of British Columbia, courses which are specifically designed for such applicants.

Admission Requirements:

In order to be admitted to the program:

- You must be mature and emotionally stable in dealing with a wide variety of people, many of whom are under considerable strain.
- You must provide evidence that you are physically healthy and emotionally stable and, therefore, must have a medical examination during the three-month period prior to your entry into the program.
- YOUR PHYSICIAN MUST SUBMIT A REPORT DIRECTLY TO THE COLLEGE HEALTH SERVICES IN THE COLLEGE BEFORE FINAL ACCEPTANCE AND PERMISSION TO REGISTER ARE GRANTED.
- You must be in possession of a valid B.C. Driver's licence for manual gear shift cars.
- You must have a complete B.C. Grade 12 standing or its equivalent and evidence of good student potential. If you are a mature student who has less than academic standing you may be accepted, provided you can evidence the ability to handle College level academic work (in addition some written work will be requested at the time of the interview).
- You must have had recent experience in the social welfare field on either a paid or volunteer basis. You must also provide references certifying the experiences were successful.
- You should have a good knowledge of the English language and the ability to speak and write clearly and correctly.
- You must have a successful pre-admission interview conducted by the Program Admissions Committee.
- Your application will not be processed unless it is complete and is accompanied by the following documents:

Transcripts, if applicable

Proof of a valid B.C. Driver's Licence

Please see general requirements for enrolling for the first time in Career Programs, page 12.

FIRST TERM

English 127 or 128
History and Philosophy of
Social Work 115
Social Problems 117
Political Science 117
Psychology 115
Welfare Aide Workshop 118
Welfare Aide Field Work 129L

SECOND TERM

Welfare Aide 117
English 229 or 230
Family in Society 115
Psychology 215
Social Welfare Practice 115
Welfare Aide Workshop 218
Welfare Aide Field Work 129

The following courses are restricted to students enrolled in the Program unless otherwise noted in the term schedule.

***Family in Society 115 (3)**

A study of the family as a unit in society. The growth and development stages, expanding and contracting family with emphasis on the developmental roles and tasks of its members, including stress factors which affect the normal functioning. **3:1:0**

***History and Philosophy of Social Work 115 (3)**

A historical study of social problems, concepts, and trends in Britain, Canada, and the United States. Emphasis is on the changing methods employed to meet changing needs. **3:1:0**

***Social Welfare Practice 115 (3)**

A study of concepts and basic principles of working with people in a helping relationship, on an individual, group, and community basis within the structure of various agencies. **3:1:0**

***Social Problems 117 (3)**

A study of special family and community problems, including areas such as one-parent families, poverty, housing, budgeting, illness, delinquency and placement of children. **3:1:0**

***Welfare Aide 117 (3)**

A job oriented study of legislative policies and procedures pertaining to the assessment of eligibility for income maintenance programs and social support programs. The emphasis will be upon practical application. **2:0:1**

***Welfare Aide Workshop 118 (3) and 218 (3)**

A job oriented study of methods that you will use in various welfare tasks. Most sessions are related to field trips conducted throughout the program to give you a first-hand knowledge of the work of the various social work agencies. Workshop techniques include 'buzz' groups, demonstration sessions, role-playing, case studies, and student reports. **2:2:5**

***Welfare Aide Field Work 129L (0) and 129 (6)**

During each term, you are assigned to work in a selected agency on a weekly basis. These assignments involve approximately four hours per week, scheduled to meet the needs of each specific agency. At the end of the Certificate year, you are placed for five weeks supervised work in a social agency. Successful completion of field work is a Certificate requirement. **0:0:8**

***Community Services 195 (3) and 295 (3)**

These numbers are reserved for Community Services courses that may be offered from time to time by:

- a) College Community Services Faculty who may wish to present a course in their specialty which may be of limited interest; or
- b) Visiting Community Services Lecturers.

Announcements regarding Community Services 195/295 offerings will be made in the term schedule.

Prerequisite will be announced by special bulletin.

FINE ARTS DEPARTMENT

Fine Arts Program

This four-term program provides an intensive study of art. It is designed as an end in itself, but at the same time will prepare you for transfer into an institution offering advanced training in art.

The major emphasis is on studio art, with an opportunity to specialize in the second year. You take two academic subjects with transferable university credit each year. If you wish to obtain one complete year of academic credit (recommended for the student transferring to a university), you can elect three academic courses in the second year.

Admission in all cases is based on the presentation of a portfolio of your work, and you will be placed according to your ability and potential.

FIRST TERM

Drawing 118
Design 118
Painting 118
Sculpture 118
Ceramics 118
English 127 or 128
Art History 114

SECOND TERM

Drawing 218
Design 218
Painting 218
Sculpture 218
Ceramics 218
English 229 or 230
Art History 214

You must have at least a "C" grade in Drawing and Design 118/218 or equivalent to be eligible for third term and at least a "C" grade in Drawing and Design 318 to be eligible for fourth term.

THIRD TERM

Drawing 318
Design 318
Art History 112 or 113
1 elective chosen from
Academic courses
2 of the following Fine
Art electives:
Painting 318
Printmaking 318
Sculpture 318
Ceramics 318
Fabric Arts 318

FOURTH TERM

Drawing 418
Design 418
Art History 212 or 213
1 elective chosen from
Academic courses
2 of the following Fine
Art electives:
Painting 418
Printmaking 418
Sculpture 418
Ceramics 418
Fabric Arts 418

NOTE: The number of electives in the second year is dependent upon enrolment.

You must pay a materials fee each term for basic supplies required. In addition, you must purchase a specific list of personal supplies.

***Fine Arts and Applied Arts 195 (3) and 295 (3)**

This number is reserved for Fine Arts and Applied Arts courses that may be offered from time to time by:

- a) College Fine Arts and Applied Arts Faculty who may wish to present a course in their specialty which may be of limited interest; or
- b) Visiting Fine Arts and Applied Arts Lecturers.

Announcements regarding Fine Arts and Applied Arts 195 and 295 offerings will be made in the Term Schedule.

Prerequisites will be announced by special bulletin.

2:0:4

NOTE: The following studio courses are open to all college students; the Fine Arts Department offers only a selection in any given term.

***Ceramics 117 (2)**

A general survey of ceramics with practical use of methods to provide an experience in art.

0:1:2

***Design 117 (2)**

Instruction and workshop. Emphasis on aesthetic concepts and technical controls for effective use of basic elements and principles of design and colour in craft applications, painting, architecture, interior design, and for the enrichment of personal environment.

0:1:2

***Drawing and Painting 117 (2)**

This course introduces form, shapes, illusion, mass, composition, colour, and design through the use of figures, still-lives, and abstractions. You will use various techniques: brushwork, pen and ink, wash drawing, etc.

0:1:2

***Fabric Arts 117 (2)**

MACHINE STITCHERY

This course allows you to develop your own designs and translate them into fabric collage and stitchery. Skills include the use of applique to establish colour and shape, and the free and innovative use of hand and machine embroidery to create line, texture, and pattern. You require previous sewing experience because the conventional use of the sewing machine will be discarded in favour of its potential as a creative and expressive tool.

0:1:2

***Fabric Arts 217 (2)**

HAND STITCHERY

This course allows you to design and execute three-dimensional projects in fabric and fibre. You will explore techniques such as quilting, canvas-work, tapestry-hooking, and machine construction in relief and soft sculpture, and you will extract design themes from a variety of sources, including natural, man-made, figurative, humorous, and ironic elements.

No prerequisite required.

0:1:2

***General Drawing 117 (2)**

Basic course in drawing relating specific media to appropriate paper and introducing basic drawing problems such as perspective, still-life, etc.

0:1:2

***Life Drawing 217 (2)**

A course in elementary figure drawing, both nude and draped, which will include basic proportions, structure, simple anatomy, and the expression of form.

0:1:2

***Photography as an Art 117 (2)**

An examination of photography as a medium of artistic expression including a brief history, a look at some of the current trends, and a discussion of how photography has influenced and shaped contemporary art. **1:1:1**

***Sculpture 117 (2)**

A basic sculpture course in 3-dimensional design with emphasis on practice rather than theory. **0:1:2**

NOTE: THE FOLLOWING STUDIO COURSES ARE RESTRICTED TO STUDENTS IN THE FINE ARTS PROGRAM.

***Ceramics 118 (2) and 218 (2)**

This course deals with clays and simple glazes that could be found locally. It emphasizes techniques of handbuilding and kiln construction. The second term deals with clay & glaze theory, kilns, throwing on a wheel and decorating techniques. **0:1:3**

***Ceramics 318 (2) and 418 (2)**

This course emphasizes creative expression with clay to enhance your artistic growth and development. Further development of wheel work and handbuilding skills.

Prerequisite: Ceramics 218.

1:0:3

***Fabric Arts 318 (2) and 418 (2)**

A problem-solving, multi-disciplined approach to working with fabric using two and three dimensional design concepts, materials, and processes. You will develop personal themes and images from natural and man-made sources, literature, and fantasy. **1:0:3**

***Design 118 (2) and 218 (2)**

These courses acquaint you with the basic principles of design, stressing an awareness of colour, line, shape, form, texture, pattern, and space.

Instruction and workshops involving various materials and techniques provide you with opportunities to recognize and use each of the design elements. **0:1:3**

***Design 318 (2) and 418 (2)**

These advanced design courses emphasize the resynthesis of the design elements into a totality. You will study composition, abstraction, stylization and decoration in depth, and you will develop images and themes from personal observation, imagination, and exploration with pencil, ink and collage.

Prerequisite: Design 218.

0:1:3

***Drawing 118 (2) and 218 (2)**

The emphasis will be on drawing as a visual thinking process, as preparatory work for painting, sculpture, or printmaking, and as a complete and meaningful statement in itself. During the year, you will work with a variety of drawing media and from a wide range of subject possibilities. **0:1:3**

***Drawing 318 (2) and 418 (2)**

Extension of the experience in Drawing 218. Emphasis is placed upon problems and media related to a personal form of expression.

Prerequisite: Drawing 218.

0:1:3

***Painting 118 (2) and 218 (2)**

Introduction to Painting through the exploration of various techniques and a study of aesthetic and conceptual problems. **0:1:3**

***Painting 318 (2) and 418 (2)**

Extension of experience in painting from life, objects, and nature. Colour studies are based on abstract themes and ideas. You are encouraged to find your own individual form of expression.

Prerequisite: Painting 218.

1:0:3

***Printmaking 318 (2) and 418 (2)**

The aim of the program is to involve you in the discovery of ideas as well as simple printmaking techniques. **1:0:3**

***Sculpture 118 (2) and 218 (2)**

This course provides you with a sculptural experience as well as instructing you in sculptural skills. In the second term you explore materials while acquiring new skills as the need arises. **0:1:3**

***Sculpture 318 (2) and 418 (2)**

Courses in advanced sculpture to allow you to acquire further skills in the search for personal form and space.

Prerequisite: Sculpture 218.

1:0:3

NURSING DEPARTMENT

Nursing Program

The Nursing Program at Vancouver Community College, Langara Campus, provides a two-year diploma program leading to a career in nursing in the province of British Columbia. Upon completion of this program, you will be eligible to apply to the Registered Nurses Association of B.C. to write the registration examination. Eligibility to practice as a registered nurse in British Columbia is governed by the Registered Nurses' Act, the regulations of the Registered Nurses' Act, and the regulations of the Registered Nurses' Association of British Columbia. You may obtain information as to eligibility to practice as a registered nurse from the Registrar, Registered Nurses' Association of British Columbia.

The Nursing Program studies, in addition to nursing, selected general education subjects, to provide you with more comprehensive knowledge for decision-making. It focuses on skills for maintaining health, protecting from illness and disability, and assisting in the restoration of health as fully as possible. Upon completion of the program, you can function

under the periodic direction of an experienced registered nurse or physician in a variety of hospital settings to provide nursing care to individuals or groups of individuals of varying ages (not including those who require nursing care in intensive or critical care and/or specialized areas). You can also coordinate and direct the activities of auxiliary nursing personnel.

Admission Requirements:

*These criteria will be applied to all applications received after January 1, 1980.

For each applicant, the following criteria will be evaluated, in the order listed, before acceptance into the nursing program is finalized.

- You must possess a complete B.C. Grade XII standing or its equivalent, including a Grade XI standing in biology, chemistry, and mathematics. You must have an average of C+ or better in Grade XII or its equivalent and C+ grade in Grade XI biology, chemistry, and mathematics.
- You must complete testing to verify your competency in mathematics and written and oral English. Scores on the English Placement Test, Nelson-Denny Reading Test, and a mathematics screening test are necessary before your application can be processed. You may need to take remedial English and/or mathematics courses prior to admission.
- You must have two satisfactory character references. These should be from:
 - a) a previous nursing or career related training school (e.g. orderly, LPN), if you have attended such a school.
 - b) previous employers, if you have recently been employed.
 - c) secondary or post-secondary school counsellors or instructors if you have been recently enrolled.
- You must appear for a pre-admission counselling interview approximately 3½ months prior to our anticipated enrollment date.
- To prove that you are physically healthy and emotionally stable, you must have a medical examination during the three month period prior to entry into the program, and **your physician must submit a report directly to the College Health Services in the college. Final acceptance and permission to register are dependent upon this report.**

Please submit applications at least eight months prior to your anticipated enrollment date.

You should take the St. John's Ambulance Standard First Aid Course prior to entering the nursing program. If you do not have a valid St. John's Ambulance Standard First Aid Certificate upon registration in the nursing program you must arrange on your own to take the course prior to completion of Semester II of the nursing program. In addition you must complete the St. John's Cardio-Pulmonary Resuscitation (CPR) Course and be certified in CPR prior to completion of Semester I of the program. Entrance into Semester II is contingent upon this.

The Nursing Program consists of the following six semesters.

FIRST TERM

Nursing 135
Nursing 138
-Graded S/U (See page 17)
Biology 121
P.E. 137
Psychology 115
Pharmacology 115

THIRD TERM

Nursing 335
Nursing 338
-Graded S/U (See page 17)
Biology 421
Pharmacology 215

FIFTH TERM

Nursing 535
Nursing 538
-Graded S/U (See page 17)

*NOTE: You must take one English elective course in any Semester prior to Semester V.

SECOND TERM

Nursing 235
Nursing 238
-Graded S/U (See page 17)
Biology 221
English 127 or 128
Psychology 215

FOURTH TERM

Nursing 435
Nursing 438
-Graded S/U (See page 17)
Biology 321
*Suggested time for English elective

SIXTH TERM

Nursing 648
-Graded S/U (See page 17)

*Nursing 135 (5)

Nursing 135 focuses on the concepts and principles related to the individual who is able to meet his basic needs, with consideration of his phase of life cycle heredity, environment, culture, and socioeconomic status. It emphasizes the nursing activity of maintenance, providing learning experiences in the classroom, laboratory, and selected community agencies. **5:0:0**

*Nursing 138 (4)

Nursing 138 focuses on the clinical application of the concepts and principles presented in Nursing 135, providing learning experiences in the laboratory and selected extended care settings. **0:0:11**

*Nursing 235 (5)

Nursing 235 focuses on the concepts and principles related to the nursing care of the individual who is unable to meet his needs. This course provides an introduction to the individual who is experiencing a health problem and deals more comprehensively with the individual who has a health problem with the need for Protection. It emphasizes the nursing activity of maintenance and introduces nursing activities of protection and restoration, providing learning experiences in classroom, laboratory, and community agencies.

Prerequisites: Nursing 135 and 138, Biology 121, Psychology 115, and Pharmacology 115. **5:0:0**

*Nursing 238 (4)

Nursing 238 focuses on the clinical application of the concepts and principles

ciples presented in Nursing 235, providing learning experiences in the laboratory and adult medical surgical settings.

Prerequisites: Nursing 135 and 138, Biology 121, Psychology 115 and Pharmacology 115.

0:0:12

***Nursing 335 (5)**

Nursing 335 focuses on the concepts and principles related to the nursing care of the individual who is unable to meet his needs for security and sexuality. It emphasizes the nursing activities of maintenance, protection, and restoration, providing learning experiences in the classroom, laboratory and/or community agencies.

Prerequisites: Nursing 235 and 238, Biology 221, and Psychology 215.

5:0:0

***Nursing 338 (5)**

Nursing 338 focuses on the clinical application of the concepts and principles presented in Nursing 335, providing learning experiences in the laboratory, maternity, and psychiatric settings.

Prerequisites: Nursing 235 and 238, Biology 221, and Psychology 215.

0:0:16

***Nursing 435 (5)**

Nursing 435 focuses on the concepts and principles related to the nursing care of the individual who is unable to meet his needs for nutrition and elimination. It emphasizes the nursing activities of maintenance, protection, and restoration, providing learning experiences in the classroom, laboratory, and community agencies.

Prerequisites: Nursing 335 and 338, Biology 421, and Pharmacology 215.

5:0:0

***Nursing 438 (6)**

Nursing 438 focuses on the application of the concepts and principles presented in Nursing 435, providing learning experiences in the laboratory and adult medical surgical settings.

Prerequisites: Nursing 335 and 338, Biology 421, and Pharmacology 215.

0:0:18

***Nursing 535 (5)**

Nursing 535 focuses on the concepts and principles related to the nursing care of the individual who is unable to meet his needs for activity and oxygen. It emphasizes the nursing activities of maintenance, protection, and restoration, providing learning experiences in the classroom, laboratory, and community agencies.

Prerequisites: Nursing 435 and 438, and Biology 321.

5:0:0

***Nursing 538 (8)**

Nursing 538 focuses on the clinical application of the concepts and principles presented in Nursing 535, providing learning experiences in the laboratory and in paediatric and adult medical and surgical clinical settings.

Prerequisites: Nursing 435 and 438, and Biology 321.

0:0:24

***Nursing 648 (15)**

Nursing 648 focuses on the clinical application of all concepts and principles presented in all previous nursing courses. It gives special attention to developing skills in organizing group care, providing learning experiences in a variety of clinical settings.

Prerequisite: Nursing 535 and 538.

0:2:32

***Nursing 195 (3) and 295 (3)**

These numbers are reserved for Nursing courses that may be offered from time to time by:

- College Nursing Faculty who may wish to present a course in their specialty which may be of limited interest; or
- Visiting Nursing Lecturers.

Announcements regarding 195/295 offerings will be made by Calendar supplement. Prerequisites will be announced by special bulletin.

***Pharmacology 115 (1)**

INTRODUCTION TO PHARMACOLOGY

Upon completion of Pharmacology 115, you will be able to apply the principles of basic mathematics to the calculation of oral and injectable medication dosages. The course focuses on your ability to consistently calculate medication dosages with a high level of accuracy.

The course prepares you for the administration of oral and injectable medication occurring in Nursing 235 and 238.

1:0:0

***Pharmacology 215 (3)**

This course for nursing students will provide a working knowledge of the basic drug classifications, the physiology of drug actions, major drug and food interactions, major side and toxic effects, and nursing implications of drug administrations.

Prerequisites: Nursing 235 and 238, and Biology 221.

3:1:0

PHYSICAL EDUCATION AND RECREATION DEPARTMENT

Recreation Leadership Program

This program trains you in recreation work at the para-professional level. It develops the techniques of recreation leadership with broad application to the field, while providing opportunities for you to pursue a specific area of interest in such leadership. The program includes courses in recreational activities, leadership and programming theory, human relationships, and administrative procedures at the technician's level. Practical work, both in classes and in the field, is an integral part of the program.

There is a need for technically trained persons in the broad range of programs conducted by municipal recreation and parks departments, community centres, Boys and Girls' Clubs, Y.M.C.A.'s, Y.W.C.A.'s, Rehabilitation settings, and other organizations providing recreation opportunities for people of all ages and with widely varied interests.

Admission Requirements

In order to be admitted to the program:

- You must evidence good health and emotional maturity.
- You must have a complete B.C. Grade XII standing or its equivalent and evidence good student potential. Some mature students may qualify for Dean's Admission under the college admission policy if you meet the other admission requirements.
- You must submit proof of a medical examination indicating good health status during the three month period prior to entry into the program. YOUR PHYSICIAN MUST SUBMIT THE REPORT DIRECTLY TO THE COLLEGE HEALTH SERVICES IN THE COLLEGE BEFORE FINAL ACCEPTANCE AND PERMISSION TO REGISTER ARE GRANTED.
- You must submit a written application including your statement of philosophy of recreation, four to six letters of reference, and other pertinent information requested specifically relating to items 6-8 below. You must use the specific application form and guidelines provided by student services.
- You must have an interview conducted by a team of program faculty.
- You must evidence a clear understanding of the program, its focus, its intent, and evidence career goals compatible with those of the program.
- You must evidence interest and abilities in leadership situations involving people of various ages and with varied abilities.
- You must evidence considerable previous participation in at least one area of interest such as sports and games, creative arts, social recreation, outdoor recreation, therapeutic recreation, or facility maintenance and management, as well as being receptive to learning and leadership situations that may not be within your current recreation experiences.

Your application will not be processed until the following documents are received:

Transcript (if applicable)
Letters of Reference

Please see general requirements for enrolling for the first time in Career Programs, page 12.

FIRST TERM

Physical Education 153
Recreation 160
Recreation 142
**Physical Education or
Recreation Elective
English 127
Psychology 115

SECOND TERM

Recreation 141
Recreation 165
**Physical Education or
Recreation Elective
**Physical Education or
Recreation Elective
One of English 229 or 230
or approved
Communication course
Psychology 215

THIRD TERM

Recreation 362
Recreation 164
Business Procedures 115
**Physical Education or
Recreation Elective
**Physical Education or
Recreation Elective

**Elective (From Psychology or Sociology or approved elective)

**The Electives marked above with a *double* asterisk are subject to approval by the Department.

FOURTH TERM

Recreation Internship 479
— Graded S/U (See page 17)

The Physical Education and Recreation Department offers a variety of courses designed to meet the different needs of the student population. In addition to the College courses in Physical Education and Recreation listed in this calendar, there are extensive extracurricular recreational opportunities for students through Intramurals, athletics and free facility times. Individual day lockers, shower facilities, and towel service are available.

Each of the following areas of instruction, and their courses, apply to *specific* college programs of study.

Service Program Activity Courses

The following courses provide opportunities for healthful and enjoyable recreation for all College students, regardless of their program of studies. You may enrol in one service program activity course in each term, as part of your total program. You are also urged to utilize Intramural Activities and Intercollegiate Athletics for recreational activity to balance your academic work. Service Program Activity Courses carry College credit only.

All courses may not be offered in any given term. Regular attendance and participation are essential course requirements.

*Physical Education 112 (1)

PHYSICAL FITNESS

An introduction to personal physical fitness development. Although the course is principally geared to mild but continuous and progressive exercise, there will also be opportunity for higher levels of performance. Some individual fitness testing is conducted to indicate personal fitness levels and place you in the appropriate programs. Grading is based mainly on attendance and participation. **0:0:2**

*Physical Education 113 (1)

GOLF

This course provides you with opportunities for developing your golf skills at a variety of levels. There are some visits to pitch and putt and regulation golf courses. You must bear the cost for such optional visits yourself. Grading is based mainly on attendance and participation.

***Physical Education 114 (1)**

BADMINTON

This course provides instruction in badminton skills, knowledge, tactics, strategies, and game courtesies at the beginner and advanced levels, offering in class tournaments and Intramural competitions to help you improve your playing skills. Grading is based mainly on attendance and participation.

0:0:2

***Physical Education 116 (1)**

SWIMMING

This course provides opportunities for developing your swimming skills at a variety of levels in a nearby pool. You may elect to attempt R.L.S.S. or C.R.C.S. proficiency awards where feasible. Grading is based mainly on attendance and participation.

0:0:2

***Physical Education 124 (1)**

TENNIS

This course provides instruction in tennis skills at the beginner level, offering in class tournaments and Intramural competitions near the end of the term. Grading is based mainly on attendance and participation.

0:0:2

***Physical Education 125 (1)**

INDIVIDUAL AND DUAL ACTIVITIES

This course provides opportunities for the learning of and participation in, a variety of recreational activities that you can enjoy as an individual or with a partner. You may choose to emphasize participation in one activity or choose from a number of activities wherever possible. Grading is based mainly on attendance and participation.

0:0:2

Professional Activity Courses

The following courses are for students who are considering a career in Physical Education and/or Recreation through the Recreation Leadership Career Program or through a university transfer program. Each of the following activity courses has considerable theory dealing with leadership and teaching methodology.

If you are specializing in Physical Education and/or Recreation, you may count up to four credit hours of Professional Activity courses for a University Transfer Program each term and up to six credit hours of Professional Activity courses for the Recreation Leadership Diploma each term. You should plan your program with the Counselling department and Physical Education and Recreation Faculty. Required courses for students enrolled in certain career programs are arranged within the respective departments.

(a) Recreation Activity Courses

▲ ***Recreation 130 (2)**

INTRODUCTION TO DANCE

A composite course in ballroom, folk, and square dancing with emphasis

upon fundamentals of dance, application, and roles of dance in physical education and recreation programs. The course also stresses organization and presentation techniques for the teaching of dance.

1:0:2

▲ ***Recreation 131 (2)**

BALLROOM DANCING

Figures and techniques of waltz, fox-trot, rhumba, samba, and tango with emphasis upon teaching methods for beginning and advanced ballroom dance skills.

1:0:2

▲ ***Recreation 132 (2)**

FOLK DANCE

Techniques of folk dances of various countries. Stress is on performance and teaching methods.

1:0:2

▲ ***Recreation 133 (2)**

SQUARE DANCE

Square dance and couples dances; calling and teaching methods.

1:0:2

▲ ***Recreation 134 (2)**

CONTEMPORARY DANCE

Introductory study of movement as a communicative art. Movement vocabulary, sequences, compositions, drama improvisations, directive methods.

1:0:2

▲ ***Recreation 135 (2)**

COMMUNITY ARTS I

An approach to creative expression through various media. Emphasis on teaching children from pre-school up to twelve years of age.

0:0:3

▲ ***Recreation 136 (2)**

COMMUNITY ARTS II

The use of music and rhythms as a complementary or basic medium for various activities; analysis of music fundamentals and their application to various recreational settings.

0:0:3

▲ ***Recreation 137 (2)**

COMMUNITY ARTS III

Basic training in acting; the development of skills in the theatre arts and their application in various recreational settings.

0:0:3

▲ ***Recreation 140 (2)**

COMMUNITY ARTS IV

Arts and crafts for teens, adults, the elderly, and the handicapped; their application as therapeutic or rehabilitative media for various handicapped persons. Emphasis is on the teaching methods for such activities and the contribution of these activities to the individual's well being.

0:0:3

▲ *Recreation 141 (2)

SOCIAL RECREATION

Program planning, teaching methods, and techniques. Emphasis is on social aspects of recreation as the primary motivation. 1:0:2

▲ *Recreation 142 (2)

OUTDOOR RECREATION I

A study of the potential of various natural settings for recreation and analysis of the outdoor recreation activities possible in these environments. Development of outdoor recreational skills and exploration within and near urban areas for natural settings suitable for recreation programming. A short term residential camp experience is a part of the course and its evaluation. 1:0:2

▲ *Recreation 143 (2)

OUTDOOR RECREATION II

The development of skills, knowledge, and appreciation of outdoor recreation in winter and alpine settings on the coast and in the interior. A three to seven day field trip is part of the course and its evaluation. 1:0:2

(b) Physical Education Activity Courses

▲ *Physical Education 130 (2)

CREATIVE MOVEMENT

Basic skills and teaching methods in creative movement. Includes participation in a children's dance course. 1:0:2

▲ *Physical Education 132 (2)

EXERCISE MANAGEMENT

Exercise programs, conditioning principles and exercise, techniques for assessing fitness, methods and techniques of adapting programs. 1:0:2

▲ *Physical Education 133 (2)

GOLF

A basic course covering the development of skills in all phases of the game, comprehension of rules, etiquette, and terminology, application and roles of golf in physical education and recreation programs, and the development of teaching techniques. 0:0:3

▲ *Physical Education 134 (2)

TENNIS

Instruction in the basic skills, strokes, rules, etiquette, and tactics. Emphasis on an application of biomechanical principles in stroke analysis and development of a variety of teaching methods. There will also be consideration of the role of tennis in physical education and recreation programs and of the conducting of tournaments and clinics. 0:0:3

▲ *Physical Education 137 (2)

PHYSICAL FITNESS AND RECREATION: PERSPECTIVES ON HEALTH

This course is primarily for Nursing students. It develops an understand-

ing of the physiological adaptations of the body to physical activity and explains the procedures for assessing personal fitness. You will have an opportunity to participate in a variety of fitness programs and recreational activities to attain and/or maintain your desired fitness level. 1:0:2

▲ *Physical Education 140 (2)

TRACK AND FIELD

The fundamentals of various track and field events, teaching and coaching methods. 1:0:2

▲ *Physical Education 142 (2)

SOCCER

Instruction in the basic skills, rules, tactics, teaching methods, coaching techniques, and training techniques of Soccer. 1:0:2

▲ *Physical Education 144 (2)

BADMINTON

Instruction in the basic skills, strokes, rules, scoring, strategy, systems, and game courtesies. Singles and doubles tournaments will be conducted. Emphasis is on skills development and teaching techniques. 1:0:2

▲ *Physical Education 145 (2)

BASKETBALL

Fundamentals, basic drills, simple offensive tactics, team offense and defence, rules, practice organization, teaching techniques, coaching and officiating techniques. 1:0:2

▲ *Physical Education 146 (2)

GRASS HOCKEY

Instruction in the basic skills, rules, tactics, teaching methods, coaching techniques, and training techniques of grass hockey. 1:0:2

▲ *Physical Education 147 (2)

VOLLEYBALL

Basic skills, rules, team tactics (offensive and defensive), teaching, coaching, and officiating techniques. 1:0:2

▲ *Physical Education 151 (2)

EDUCATIONAL GYMNASTICS

Instruction through an individualized approach to movement learning, utilizing floor and apparatus activities. Emphasis is on teaching methods, curriculum analysis, and versatility of instructional environments. 1:0:2

▲ *Physical Education 152 (2)

ARTISTIC GYMNASTICS

Instruction in skills development, progressions, and competency levels utilizing trampoline, tumbling, floor exercises, rings, pommel horse, parallel bars, vaulting and high bar apparatus. Emphasis is upon performance skills and instructional and safety techniques. 1:0:2

▲ ***Physical Education 153 (2)**

ACTIVE PLAY

Theoretical aspects of play, influences of interests, values, and outcomes, on play influences of sex and age upon play. Participation in, and development of, a repertoire of games, contests, and relays. Teaching methods and procedures and their application to school physical education programs and *community recreation programs*. **1:0:2**

▲ ***Physical Education 156 (2)**

AQUATICS I

This course emphasizes practical swimming ability and life saving skills and theory through coverage of both the Red Cross Senior Swimmer Award and the R.L.S.S. Bronze Medallion Award. Introduction to all other aspects of aquatics such as competitive, synchronized and recreational swimming as well. You must attain the Red Cross Senior Level for successful completion of the course. **1:0:2**

Professional Theory Courses

The following courses are intended only for those students who are considering a career in Physical Education and/or Recreation through the Recreation Leadership Career Program or through a university transfer program. All courses are not offered each term and you should consult the counselling department and the Physical Education and Recreation faculty when you are planning your program.

(a) Recreation Theory Courses

▲ ***Recreation 160 (3)**

FOUNDATIONS OF RECREATION

An introduction to recreational philosophy, ethics, standards, organization, and programs. **3:0:0**

▲ ***Recreation 162 (3)**

INTRODUCTION TO RECREATION FACILITIES OPERATIONS

An introduction to the operations of selected recreation facilities including an overview of government involvement and regulations, principles of programming, staffing, fiscal planning, concessions, and maintenance procedures. **2:1:0**

▲ ***Recreation 163 (3)**

RECREATION MANAGEMENT FUNDAMENTALS

An introduction to some aspects of the responsibilities of, and procedures available to the professional recreation manager. Focus is upon individual and group decision processes as these affect organizational structure, personnel management, financial and budgeting management, the management of volunteers, legal aspects of recreation and marketing, and advertising and program promotion. **3:0:0**

▲ ***Recreation 164 (3)**

PARKS AND PLAYGROUNDS PROGRAM

Philosophy and practices of various programs, problems in program

implementation and program design for various age groups, and study of related areas, facilities, and equipment. **3:0:0**

▲ ***Recreation 165 (3)**

SURVEY OF THERAPEUTIC RECREATION

Introduction to the history, philosophy, objectives, and scope of Therapeutic Recreation. Analysis of the etiology, symptoms, and prognosis of a variety of physical, mental, behavioural, social, and sensory disabilities. Familiarization with recreational and leisure services available to those handicapped by their disabilities. **3:0:0**

▲ ***Recreation 166 (3)**

THERAPEUTIC RECREATION LEADERSHIP

Analysis and application of the principles and techniques used in preparation, delivery, and evaluation of programs. Emphasis placed on adaptation of activities, facility, equipment, and materials, behaviour controls. View to future developments. **3:0:0**

▲ ***Recreation 167 (3)**

CAMPING PROGRAMS AND LEADERSHIP

Philosophy and practices of the various camping organizations and camp programs. Emphasis is on camp leadership and future developments in this field. **3:0:0**

***Physical Education and Recreation 195 (3) and 295 (3)**

These numbers are reserved for Physical Education and Recreation courses that may be offered from time to time by:

- a) College Physical Education and Recreation Faculty who may wish to present a course in their specialty which may be of limited interest; or
- b) Visiting Physical Education and Recreation Lecturers.

Announcements regarding Physical Education and Recreation 195 offerings will be made by Calendar Supplement.

Prerequisites will be announced by special bulletin. **3:0:0**

▲ ***Recreation 362 (3)**

LEADERSHIP METHODS

Fundamentals of group and individual interaction, supervisory techniques, and methods of evaluation. **3:0:0**

***Recreation 479 (15) — Graded S/U (See page 17)**

RECREATION INTERNSHIP

Approved field work assignments during the fourth term in recreation settings in the community. Field work training will consist of a twelve week practicum preceded by a one week orientation period and a final one week of evaluation. Course requirements will include specific assignments and seminars (see Internship Manual). Requires full Term 4 Community Recreation Leadership Diploma standing. **1:4:30**

(b) Physical Education Theory Courses

- ▲ ***Physical Education 160 (3)**
INTRODUCTION TO PHYSICAL EDUCATION
Professional orientation, basic philosophy, and objectives; professional qualifications, opportunities, responsibilities and obligations. **3:0:0**
- ▲ ***Physical Education 161 (3)**
INTRODUCTION TO THE STUDY OF SPORT
An introduction to the study of sport; an introductory examination of classifications for leisure, play, games, contests, dance, and sport together with an examination of their relationships. **3:0:0**
- ▲ ***Physical Education 163 (3)**
BIODYNAMICS OF PHYSICAL ACTIVITY
An introductory examination of the mechanical, anatomical, and physiological basis of human physical performance. **2:0:2**
- ▲ ***Physical Education 164 (3)**
DYNAMICS OF MOTOR SKILL ACQUISITION
An introductory examination of motor skill acquisition, the variables which influence the learning and performance of motor skills, and the relationship between skill acquisition and growth and development. **3:0:0**
- ▲ ***Physical Education 171 (3)**
INTRODUCTION TO SPORTS MEDICINE
Basic anatomy and physiology, common athletic injuries and treatment methods for these injuries. Introduction to sports medicine with field trips to various treatment centres. Theory and practical sessions in the application of prevention, treatment and rehabilitation. **2:0:1**
- ▲ ***Physical Education 256 (3)**
AQUATICS II
This course prepares students to teach swimming. The course incorporates the content of the Red Cross Instructor course and analyzes the role of aquatics in Physical Education and Recreation. Equal emphasis on teaching methodology, theory, and practical swimming ability.
Prerequisites: Current (within the last two years) R.L.S.S. Bronze Medalion Award and Red Cross Water Safety Leader Award. (Mature students can apply to the department for exemption from the Leader Award.) **2:0:1**
- ▲ ***Physical Education 257 (3)**
AQUATICS III
The organization and administration of various aquatic programs and meets as well as programs for the handicapped.
Prerequisite: Physical Education 156 or 256. **2:0:1**
- ▲ ***Physical Education 261 (3)**
SPORT IN CANADIAN SOCIETY
An historical and theoretical analysis of Sport in Canadian Society. **3:0:0**

- ▲ ***Physical Education 291 (3)**
HUMAN FUNCTIONAL ANATOMY AND APPLIED PHYSIOLOGY I
Human anatomical systems and their integration.
Prerequisite: P.E. 163 or permission of the department. **2:0:2**
- ▲ ***Physical Education 391 (3)**
HUMAN FUNCTIONAL ANATOMY AND APPLIED PHYSIOLOGY II
Human anatomical systems and their integration (continued). Special emphasis on the major body systems and their functioning in physical activities.
Prerequisite: P.E. 291. **2:0:2**
*See Diploma Requirements (page 29).

THE ARTS AND SCIENCES

Anthropology (Anthro) Courses

NOTE: Anthropology 120, 131, 132 may be taken in any sequence or concurrently.

Anthropology 120 (3)

INTRODUCTION TO CULTURAL ANTHROPOLOGY

An introduction to the cultures and societies of non-urbanized people by means of theories, analysis, and examples; a consideration of the nature of culture by examining various subsistence practices, social systems, political systems, etc. **3:1:0**

Anthropology 131 (3)

INTRODUCTION TO PHYSICAL ANTHROPOLOGY AND HUMAN ORIGINS

A survey of the physical and behavioral evolution of mankind from the time of the earliest Primates to the present; a consideration of data, problems, theories, and interpretations. **3:1:0**

Anthropology 132 (3)

INTRODUCTION TO ARCHAEOLOGY

An introduction to the study of the prehistory of mankind; an examination of the evidence for human cultural development; a consideration of the various motives, methods, and techniques that have been involved. **3:1:0**

Anthropology 150 (3)

PACIFIC NORTHWEST CULTURAL STUDIES

The study of the cultures of the Pacific Northwest Indians and their relationship with the European traders, explorers, and settlers. May not be offered every semester. **3:1:0**

Anthropology 195 (3) and Anthropology 295 (3)

These numbers are reserved for Anthropology courses that may be offered from time to time by:

- a) College Anthropology Faculty who may wish to present a course in their specialty which may be of limited interest; or
- b) Visiting Anthropology Lecturers.

Announcements regarding Anthropology 195/295 offerings will be made in the term schedules. Prerequisites will be announced by special bulletin.

Anthropology 221 (6)

FIELD TECHNIQUES IN ARCHAEOLOGY

An archaeological excavation of a site in British Columbia; the recovery, recording, and interpretation of cultural material and stratigraphic information.

Prerequisite: Consent of the Instructor.

Eight hours a day, five days a week, for an eight week period during the summer.

Anthropology 230 (3)

ARCHAEOLOGY OF THE NEW WORLD

A survey of the prehistoric cultures of North and South America, from the entry of man into the New World to the time of European settlement. Particular emphasis on western North America.

Prerequisite: Anthropology 131 or Anthropology 132. **3:1:0**

Anthropology 240 (3)

ANTHROPOLOGY OF THE NORTH AMERICAN INDIANS AND INUIT

An introduction to the North American Indians and Inuit with emphasis upon the Canadian people, from early historic times to the present day, using the culture area and historic approach to examine the diverse ways of life.

Prerequisite: Anthropology 120 or Anthropology 230 or consent of the Instructor. **3:1:0**

Art History (Art Hist) Courses

Art History 112 (3)

APPROACHES TO THE HISTORY OF WESTERN ART

An introduction to the study of concepts and problems in art history with an emphasis on aesthetics, style, patronage, and techniques. Course content will assess "progress in art" as an interdisciplinary study of art history which will consider the dynamics of stylistic change. It will attempt to answer such questions as: Why has art had a history? Is there progress in art which is in any way comparable to progress in science and technology? What is the relationship of contemporary art to the art of the past?

3:1:0

Art History 113 (3)

NINETEENTH CENTURY ART HISTORY

Neo-Classicism and Romanticism in France and England. the art of early "modern times." Realism, Impressionism, symbolism, and Art Nouveau. The new steel age architecture.

Prerequisites: Art History 114 and 214 desirable but not essential. **2:2:0**

Art History 114 (3)

WESTERN ART BEFORE THE ITALIAN HIGH RENAISSANCE

A view of Western painting, sculpture, and architecture from Paleolithic times to the early Italian Renaissance. Includes art of the ancient Middle East, Greece, Rome, and medieval Europe, the Byzantine, Romanesque, and Gothic Styles, all presented within their cultural context. Illustrated lectures and seminar discussions. **3:1:0**

NOTE: This course will be offered in both the Fall and Spring Terms.

Art History 115 (3)

HISTORY OF ASIAN ARTS I

A historical survey of Asian Art, architecture, and music as seen through the major civilizations of India and China and the related island empires of Japan, Indonesia, Central Asia, Tibet and Southeast Asia. Myth content and symbolic form in the major oriental religions (Islam, Hinduism, Buddhism, Shintoism and Christianity) will form an important part of the lectures and discussions. Slides, films, tapes and L.P.'s will be used for illustration. You will be expected to develop your own *methodology* toward a historical understanding of all aspects of Asian Arts. The major stress is on India and Southeast Asia in the first term. **3:1:0**

Art History 116 (3)

HISTORY OF WORLD MUSIC I

A historical aural survey by means of recordings, tapes, and actual instrumental demonstrations of the world's early heritage of musical sound, including primitive, early Greek, Roman, Indian and Chinese, up to 1450 A.D. Examinations of world folk music is stressed. **3:1:0**

Art History 212 (3)

APPROACHES TO THE HISTORY OF WESTERN ART

An introduction to the theoretical analysis pertaining to content, technique and meaning in historical art. Ideas in stylistic change can be explained, at least in part, by patterns of cognitive growth; and that the history of art has passed through stages of cognitive development which are reflected primarily in different modes of organizing pictorial space. Individuals will be encouraged to challenge perception skills and apply meaning to styles of art otherwise remote. **3:1:0**

Art History 213 (3)

The development and significance of Modern Art: Fauvism, Cubism, Expressionism, Abstraction, Fantasy, Surrealism, and Abstract Expressionism in Western painting, sculpture and architecture.

Prerequisite: Art History 114 and 214 desirable not essential. **2:2:0**

Art History 214 (3)

WESTERN ART SINCE THE EARLY ITALIAN RENAISSANCE

A view of Western painting, sculpture, and architecture from the Italian High Renaissance to twentieth century Expressionism and Abstraction. Includes NeoClassicism, Romanticism, nineteenth century Realism, and Impressionism, all presented within their cultural context. Illustrated lectures and seminar discussions.

3:1:0

NOTE: This course will be offered in both the Fall and Spring Terms.

Art History 215 (3)

HISTORY OF ASIAN ARTS II

A continuation of History of Asian Arts I. This part of the course will continue the study of all major civilizations taken in the first term but with special emphasis on China and Japan.

3:1:0

Art History 216 (3)

HISTORY OF WORLD MUSIC II

A continuing historical survey of world music from the early European Renaissance (1450 A.D.) to the present, including classical, folk, jazz, rock, and experimental sounds of the 20th century. The course will include an explanation of concepts of harmony and some music notation.

3:1:0

Biology (Biol) Courses

Biology 115 (3)

GENERAL BIOLOGY I

An introduction to cell structures, physical and chemical properties of living matter, photosynthesis, respiration, excretion, nutrition, transport, hormonal control and reproduction.

Prerequisites: Biol 11, Biol 071, or equivalent; a background in Chemistry is desirable.

3:1:2

NOTE: Students with no previous biology may register in Biology 115.

Biology 116 (3)

CONCEPTS IN BIOLOGY I

Biology 116/216 satisfies laboratory science requirements for most Arts students not planning to go on in science.

The course emphasizes man, stressing application of biology that help you better understand and cope with a contemporary world. Major topics are human systems, metabolism, energy relations, reproduction, and development.

3:1:2

Biology 150 (3)

HUMAN BIOLOGY

A non-laboratory course for students not majoring in science, dealing with the structure and functions of the human body. The course consists of lectures, seminars, and demonstrations. Recommended for Physical Education and Recreation students.

3:1:0

Biology 151

BIOLOGY FOR COURT REPORTERS

This course introduces medical and biological terms likely to be encountered by Court Reporters together with appropriate descriptions of each. For students in the Court Reporter program.

4:0:0

Biology 160 (3)

HUMAN PHYSIOLOGY

The fundamentals of human physiology; a course covering all systems of the body; primarily for students in the Food Services Program.

3:1:0

Biology 180 (3)

ECOLOGY: MAN AND HIS ENVIRONMENT

A course for students not majoring in the biological sciences. You will study problems of environmental conservation and resource management, taking field trips to local areas. (Not offered every year.)

3:0:3

Biology 215 (3)

GENERAL BIOLOGY II

A comparative study of the skeletal, muscular, nervous, and reproductive systems; modern principles of development, genetics, ecology, evolution, and a review of the major phyla.

Prerequisite: Biol 115 or equivalent.

3:1:2

Biology 216 (3)

CONCEPTS IN BIOLOGY II

Science for Arts majors, see Biology 116 — contemporary aspects of ecology, population, pollution, genetics, and evolution are major topics.

Prerequisite: Biology 116 or equivalent.

3:1:2

NOTE: Some courses at the 300 and 400 levels may not be offered every year.

Biology 315 (3)

CELL BIOLOGY I

A study of the biochemistry and function of cells and cell components, including a discussion of experimental techniques employed in cellular research.

Prerequisite: Biol 215 plus one of Chem 215 or 216. The department advises that you take Chem 316 before or at the same time as Biol 315.

3:1:3

Biology 330 (3)

INTRODUCTION TO GENETICS

Mendelian and non-Mendelian principles of inheritance; the chemical nature of the gene, gene structure and function; the heredity of bacteria, viruses, and higher organism, including man. (Not offered every year.)

Prerequisite: Biol 215 or equivalent.

3:1:2

Biology 340 (3)

BOTANY: PLANT PHYSIOLOGY AND ANATOMY

Lectures and laboratories dealing with the structure and physiology of higher plants, including water relations, metabolism, and environmental factors influencing growth. (Not offered every year.)

Prerequisite: Biol 215 or equivalent.

3:1:2

Biology 350 (3)

VERTEBRATE ANATOMY

Comparative anatomy of the vertebrates with emphasis on man — a survey of the evolution, development, and morphology of organ systems with dissection of representative forms.

Prerequisite: Biol 215 or equivalent.

3:1:3

Biology 360 (3)

ADVANCED HUMAN PHYSIOLOGY

A lecture and laboratory course dealing with blood, circulation, nerve-muscle physiology, the nervous system, and kidney function; for students in nursing and students proceeding to advanced work in the biological sciences.

Prerequisite: Biol 215 or equivalent.

3:1:2

NOTE:

- 1) Chem 215 or 216 is desirable but not mandatory.
- 2) You are advised to take Biol 350 concurrently with this course when both are offered in the same semester.

Biology 370 (3)

MICROBIOLOGY I

A course dealing with general microbiology, designed for those continuing in biological sciences. Topics include microbial taxonomy, physiology, morphology, and biochemistry.

Prerequisite: Biol 215 or equivalent.

3:1:3

Biology 380 (3)

FIELD ECOLOGY

Ecology of terrestrial and aquatic communities native to British Columbia with a study of specific management and conservation techniques. Course topics include energetics and the distribution, abundance, life history, and adaptations of animal and plant populations. Field trips during laboratory hours will be required. (Not offered every year.)

Prerequisite: Biol 215 or equivalent.

3:1:3

Biology 415 (3)

CELL BIOLOGY II

A detailed study of cell structures.

Prerequisites: Biol 315, Chem 316 and 416. You may take Chem 416 concurrently.

3:1:3

NOTE: If you are taking Chem 416 concurrently, please note that credit for Biol 415 will be withheld until you have completed Chem 416 successfully.

Biology 460 (3)

ADVANCED HUMAN PHYSIOLOGY II

A lecture and laboratory course dealing with respiration, digestion, metabolism, the endocrine glands, reproduction, and the special senses; for students in nursing and students proceeding to more advanced work in the biological sciences.

Prerequisite: Biol 360.

3:1:2

Biology 470 (3)

MICROBIOLOGY II

Topics include medical microbiology, microbial genetics, virology, immunology, and industrial microbiology.

Prerequisite: Biol 370.

3:1:3

The following courses are limited to students in the V.C.C. Nursing Program

Biology 121 (3)

ANATOMY AND PHYSIOLOGY FOR NURSING I

Physiological principles, homeostasis, the cell, tissue, blood, the reticuloendothelial system, immune processes, the lymphatic system, the heart and circulation, skeletal muscles and the skeleton, respiratory and excretory systems, acid base balance, and electrolyte balance. Biology 121 and 221 include pertinent aspects of physics and chemistry.

3:1:2

Biology 221 (3)

ANATOMY AND PHYSIOLOGY FOR NURSING II

Nervous system, sense organs, digestive endocrine and reproductive systems, gametogenesis, fetal development and physiology, and genetics.

Prerequisite: Biol 121

3:1:2

Biology 321 (3)

PATHOLOGY I

Principles of microbiology and pathology pertaining to the study of harmful bacteria and micro-organisms.

Prerequisite: Biol 221.

3:1:0

Biology 421 (3)

PATHOLOGY II

Principles of the development of common pathological processes as they affect the human body.

Prerequisite: Biol 321

3:1:0

Business Administration Courses— See pages 53-62.

Canadian Studies

Candidates for the diploma in Arts and Science (Canadian Studies) must complete:

- 1) The requirements of the diploma in Arts and Science, including at least six of the following courses:
Anthro 150, 221, 240; Business 195; Business Law 115, 215; Business Procedures 115; Economics 115, 116; English 325; any French course; Geography 120, 130, 150, 155; History 116, 117, 217, 161, 216, 369; Income Tax 325; Investments and Institutions 115, 215; Legal Procedures 225; Marketing 115; Political Science 117, 119, 209, 219; Real Estate Law 325; Sociology (at the recommendation of the instructor).
- 2) One semester of interdisciplinary material presented in weekly two-hour sessions.

Chemistry (Chem) Courses

Chemistry 114 (3)

AN INTRODUCTION TO CHEMISTRY

A one semester introduction to Chemistry for students who have had no secondary school Chemistry and wish to proceed to more advanced chemistry courses. Open only to students who have completed secondary school or equivalent or have been admitted under Dean's admission.

5:0:0

Chemistry 115 (3) and Chemistry 215 (3)

GENERAL CHEMISTRY FOR PHYSICAL APPLICATIONS

Chem 115 is a general course in college Chemistry including discussions of the following: atomic and molecular structure, the periodic table, chemical bonding, nuclear chemistry, organic chemistry, properties of gases, and the kinetic molecular theory.

Prerequisites for Chem 115: Chem 114, Chem 11, Chem 071, or equivalent.

Not open to students with a "C" or better in Chem 12, Chem 091 or equivalent. See Chem 125.

4:0:2

Chem 215 discusses liquids, solids and changes of state, solutions, acid-base theory, kinetics, equilibrium, thermodynamics.

Prerequisite for Chem 215: Chem 115.

4:0:2

Chemistry 116 (3) and Chemistry 216 (3)

GENERAL CHEMISTRY FOR BIOLOGICAL APPLICATIONS

A course equivalent to Chemistry 115/215 with the emphasis on biological applications. Primarily for students who plan a career in the biological

sciences. Prerequisite for Chem 116: Chem 114, Chem 11, Chem 071 or equivalent.

Prerequisite for Chem 216: Chem 116.

4:0:2

Chemistry 125 (3) and Chemistry 225 (3)

SELECTED TOPICS IN GENERAL CHEMISTRY

Chem 125 is a general course in college chemistry restricted to those students who have successfully (i.e. with C or better) completed Chemistry 12, Chemistry 091, or an equivalent course. Topics discussed include stoichiometry, atomic structure, bonding and molecular structure, gases, and descriptive inorganic chemistry.

Prerequisites for Chemistry 125: Chem 12, Chem 091, or equivalent.

3:1:2

Chem 225 is a continuation of Chem 125. Topics discussed include kinetics, ionic equilibrium electrochemistry, thermodynamics, introduction to organic chemistry, solids, liquids, solutions, and phase changes.

Prerequisite for Chemistry 225: Chem 125.

3:1:2

Chemistry 130 (3)

PHOTOGRAPHIC CHEMISTRY

An introduction to general chemistry with emphasis on those aspects most relevant to the photographic process. It involves the study of the structure of matter down to and including the atomic level, with particular attention to the interaction of matter with light. It studies the principles of stoichiometry, kinetics, equilibrium, and oxidation-reduction both in theory and in the laboratory.

Prerequisite: Chem 114 or Chem 11 or Chem 071.

4:0:0

Chemistry 315 (3)

ADVANCED GENERAL CHEMISTRY I

A second course in physical inorganic chemistry. The course includes a brief review and extension of equilibria in solution, an introduction to thermodynamics including first and second laws, enthalpy, entropy, and Gibb's free energy. (Fall Term)

Prerequisite: Chem 215 or equivalent.

4:0:3

Chemistry 316 (3)

ORGANIC CHEMISTRY I

Topics include simple aliphatic and aromatic compounds, including hydro-carbons, alkyl halides, alcohols, aldehydes, ketones, ethers, and carboxylic acids. A study of simple reaction mechanisms and an introduction to the use of spectroscopy in Organic Chemistry.

Prerequisite: Chem 215 or 216 or equivalent.

4:0:3

Chemistry 415 (3)

ADVANCED GENERAL CHEMISTRY II

Modern concepts of Atomic structure and bonding, descriptive inorganic chemistry with some physical methods of determining structure, electrochemistry, electrode potentials. (Spring Term).

Prerequisite: Chem 315 or equivalent.

4:0:3

Chemistry 416 (3)

ORGANIC CHEMISTRY II

The following topics are included: Heterocyclic compounds, complex organic reactions and their mechanisms.

Prerequisite: Chem 316 or equivalent.

4:0:3

Classical Studies

Candidates for the diploma in Arts and Science (Classical Studies) must complete:

- 1) The requirements of the diploma in Arts and Science, including at least six of the following courses:

At least two courses selected from: Latin 115; Latin 215; and/or Greek 115; Greek 215; the remaining courses from: Anthro 195; Art Hist 114; Hist 111; Hist 211; Hist 113; Phil 101; Rel St 230; and other such relevant courses as may be offered from time to time.

- 2) Attendance at a one semester colloquium on classical topics presented in weekly two hour sessions.

Greek 115 (3) and Greek 215 (3)

INTRODUCTORY GREEK AND ELEMENTARY GREEK

Greek 115 — An introduction to Greek. The element of the Language. Simple readings.

Greek 215 — A continuation of Greek 115 with readings in prose and verse. These two courses will prove especially useful to students of Classical Studies, Comparative Literature, History, Religious Studies, and Romance Languages.

Prerequisite for Greek 115: none.

Prerequisite for Greek 215: Greek 115.

3:1:0

Latin 115 (3) and Latin 215 (3)

BEGINNER'S LATIN I AND II

Latin 115 — An introduction to the nature and structure of the Latin language; reading of simple texts in prose and verse. This course with Latin 215 will be especially useful to students interested in Classical Studies, Medieval History, Comparative Literature, the Romance Language, Religious Studies, and Philosophy.

Latin 215 — An intermediate course in Latin, with emphasis on reading.

Prerequisite for Latin 115: none.

Prerequisite for Latin 215: Latin 115.

3:1:0

Communication Courses — See English Courses page 112

Computer Science Courses — See Mathematics Courses page 128

Criminal Justice Program — See page 66

Economics (Econ) Courses

Economics 110 (3)

COMPARATIVE ECONOMIC SYSTEMS

This course compares the economic systems of Canada and the Soviet Union in the way which they decide what goods get produced and who gets the resulting output. It also examines problems specific and common to each type of economic system, e.g. inflation, big business and unions, economic growth and motivation of the individual.

3:1:0

Economics 111 (3)

URBAN ECONOMIC ISSUES

This course uses economic principles to describe and analyze certain problems confronting Vancouver and other Canadian cities, examining issues such as urban poverty, housing, transportation, industrial location, and quality of life.

3:1:0

Economics 115 (3)

CANADIAN ECONOMIC ISSUES

The use of economic principles to describe and analyze current Canadian economic issues such as inflation, monopoly, pollution, and poverty.

3:1:0

Economics 116 (3)

CANADA IN THE WORLD ECONOMY

Canada's economic relationship with the United States, the European Economic community, Japan, and Latin America, with special emphasis on trade, international investment, and foreign ownership.

3:1:0

Economics 117 (3)

INTRODUCTORY ECONOMIC HISTORY

A history of the economic development of man from evident beginnings to 1500. A discussion of the refinement of civilization arising out of economic surplus, consideration (of discoveries and inventions), religion, social organization, and government.

3:1:0

Economics 118 (3)

ECONOMICS AND HISTORY OF WESTERN CIVILIZATION

An analysis of the main historical features of economic development after 1500, with special emphasis on economic and social changes in some of the industrializing countries of the world. Some topics broached are changes in land tenure, the Commercial and Industrial Revolutions, and the emergence of western pre-eminence in the world economy.

3:1:0

Economics 195 (3) and Economics 295 (3)

These numbers are reserved for Economic courses that may be offered from time to time by:

- a) College Economic Faculty who may wish to present a course in their specialty which may be of limited interest; or
- b) Visiting Economic Lecturers.

Announcement regarding Economics 195 and 295 offerings will be made in term schedules.

Prerequisites will be announced by special bulletin.

Economics 321 (3)

PRINCIPLES OF ECONOMICS (MACRO)

Introductory concepts; the price system; business organization; agriculture; affluence and poverty; labour; government; national income; monetary and fiscal policy; savings, investment and consumption; the multiplier; business cycles; prices; money and banking. **3:1:0**

Economics 421 (3)

PRINCIPLES OF ECONOMICS (MICRO)

Price determination; demand and utility; competitive supply; cost analysis; equilibrium of the firm; combines policy; income distribution; the pricing of factor inputs; land rent; competitive wages; interest and capital; profits; international trade; growth; alternative economic systems. **3:1:0**

NOTE: Students may not take Econ 321 and Econ 421 in the same term without written Departmental permission.

English (Eng) and Communication (Comm) Courses

ENGLISH PLACEMENT TEST

If you plan to enrol in a first semester English or Communication course, you must take the B.C. English Placement Test prior to the semester in which you hope to register.

Non-Credit Courses in English

English 109 (0)

READING DEVELOPMENT

English 109 is a course for students who wish to increase their reading speed while improving comprehension and retention. It includes lectures on efficient time scheduling, note-taking, and examination techniques. One noon hour lecture and two one-hour laboratory periods per week are required. **1:0:2**

First Year English Courses

If you wish to earn first year credit in college English, you must complete either English 127 or English 128 in the first semester and either English 229 or English 230 in the second semester.

First Semester Courses:

English 107 (3)

LANGUAGE AND COMPOSITION

This is a course designed for students at the post-secondary level who require additional training in the fundamental skills of reading and writing.

It covers both oral and written communication but emphasizes reading and composition. If you have a below standard score on the English Placement Test, you will be required to take English 107 before proceeding to a first semester credit course in English. This course does not carry transfer credit to other institutions. **5:0:0**

English 127 (3)

ESSAY WRITING AND SHORT PROSE SELECTIONS

This course emphasizes the principles of composition through the study and writing of a number of essays. In addition, it encourages an appreciation of modern literature through a study of the short story.

Prerequisite: Eng. 12, CV 81/91, Eng. 107 or equivalent. **3:1:0**

English 128 (3)

SHORT PROSE SELECTIONS AND COMPOSITION

This course emphasizes and appreciation of modern prose writing through the study of both short stories and essays. In addition, it gives attention to the principles of composition, with writing assignments related to the literary works.

Prerequisite: Eng. 12, CV 81/91, Eng. 107 or equivalent. **3:1:0**

Second Semester Courses:

NOTE: You may not take a second semester course until you have successfully completed either English 127 or English 128.

English 229 (3)

MODERN NOVEL, POETRY AND DRAMA

This course introduces students to the modern novel, to a selection of poems, mainly from the twentieth century, and to a sampling of modern drama. Writing assignments are related to the literary works studied. **3:1:0**

Prerequisite: English 127 or 128.

English 230 (3)

MODERN NOVEL, POETRY AND FILM

This course introduces students to the modern novel, to a selection of poems, mainly from the twentieth century, and to the elements and techniques of modern film. Writing assignments are related to the works studied. **3:1:0**

Prerequisite: English 127 or 128.

NOTE: In most semesters, one of the above first semester courses and one of the above second semester courses will be offered by cassette correspondence. See the term supplement for details.

First Year English Options.

NOTE: The following two pairs of courses may be taken for *unassigned credit* in either first or second year. Eng 181 and 281 go together, as do Eng 126 and 226.

English 181 (3)

HISTORY OF DRAMA AND THEATRE, PART I

This course studies drama and theatre history of the Primitive, Greek, Roman, Medieval, and Renaissance periods. You will be given a choice of written and/or oral assignments.

Prerequisite: Eng 12, CV 81/91, Eng 107, or equivalent. **3:1:0**

English 281 (3)

HISTORY OF DRAMA AND THEATRE, PART II

This course studies drama and theatre history of the Restoration, and the Eighteenth, Nineteenth, and Twentieth Centuries. You will be given a choice of written and/or oral assignments.

Prerequisite: Eng 181 or permission of the department. **3:1:0**

English 126 (3)

INTRODUCTION TO LINGUISTICS: DESCRIPTIVE

English 126 is a study of modern linguistic theory, with special attention given to the forms and ideas of generative grammars. It covers such areas as the nature and acquisition of language usage, phonology, semantics, and syntax.

Prerequisite: Eng 12, CV 81/91, Eng 107, or equivalent. **3:1:0**

English 226 (3)

INTRODUCTION TO LINGUISTICS: HISTORICAL

English 226 is a study of the history and development of the English language from the Old English Period to the present. It studies the changes that have occurred in sounds, spelling, forms and syntax, as well as the ways in which the language has enriched its vocabulary.

Prerequisite: Eng 126 or permission of the department. **3:1:0**

English 195 (3) and English 295 (3)

These numbers are reserved for English courses that may be offered from time to time by:

- a) Members of the English department who may wish to present a course in their specialty; or
- b) Visiting English lecturers.

Announcements regarding English 195/295 offerings will be in the term schedule.

Prerequisite: Announced by special bulletin. **3:1:0**

Second Year English Courses

You may take *any two* of the following courses for second year credit. These courses may be taken in any order or concurrently. Notice that English 181 and 281 may also be taken for unassigned second year credit.

English 323 (3)

SURVEY OF ENGLISH LITERATURE, PART I

This course introduces students to the range and tradition of Medieval

and Renaissance English literature by focusing on major authors and literary forms. Term papers are required.

Prerequisite: Eng 229 or 230, or equivalent. **3:1:0**

English 424 (3)

SURVEY OF ENGLISH LITERATURE, PART II

This course explores a range of English literature by focusing on major authors from the Restoration, the Eighteenth Century, the Romantic Period, and the Victorian Age. Term papers are required. (English 424 is usually preceded by English 323, but it can be taken either before or along with English 323.)

Prerequisite: Eng 229 or 230, or equivalent. **3:1:0**

English 325 (3)

CANADIAN LITERATURE

This is a one semester course in Canadian literature with special attention given to contemporary fiction and/or poetry and/or drama. Term papers required.

Prerequisite: Eng 229 or 230, or equivalent. **3:1:0**

English 327 (3)

EXPLORING LITERATURE

This course examines one genre, theme, or national literature. Contents vary with instructor and semester. Check the calendar supplement for each semester. Term papers and extensive reading are required. English 325 and 327 may be taken in either order or both together.

Prerequisite: Eng 229 or 230, or equivalent. **3:1:0**

Second Year English Options.

English 326 (3)

CREATIVE WRITING: PROSE FICTION

This study of the short story and novel emphasizes individual student writing in both genres, but the course also includes analysis and discussion of recent and current directions in prose fiction. You will be expected to complete one average-length short story, and a synopsis of one or two chapters of a novel.

Prerequisite: Eng 229 or 230, or equivalent. **3:1:0**

English 426 (3)

CREATIVE WRITING: POETRY AND DRAMA

The term's work will be divided between the two genres: the drama section will require the writing of a one act play, either for stage, radio, or television; the poetry will require the writing of a collection of short poems unified in a definable way.

Prerequisite: Eng 326 or permission of the department. **3:1:0**

Communication Courses

NOTE: The following four courses are designed for students on one or another of Langara's Career Programs. They carry College credit, but not University transfer credit.

Communication 115 (3)

INTERPERSONAL COMMUNICATION

This course offers the study and practice of interpersonal communication with special attention to developing speaking and listening skills necessary for a successful career.

Prerequisite: Eng 12, CV 81/91, Eng 107, or acceptance into a Career Program. **4:0:0**

Communication 116 (3)

REVIEW OF SPELLING AND PUNCTUATION

Communication 116 is especially designed for students on the Court Reporter program; enrollment is, therefore, restricted. It reviews the basic principles of spelling, punctuation, and sentence composition with extensive practice in these areas, especially in relation to the needs of court reporting.

Prerequisite: Acceptance in the Court Reporter Program. **4:0:0**

Communication 117 (3)

ORAL DEVELOPMENT AND LISTENING SKILLS

This course develops speaking and listening skills. It develops the ability to deliver a variety of oral messages through the use of various vocal techniques such as dynamics, tone, articulation, and pronunciation. Persuasive techniques and analytical listening are other areas of concentration.

Prerequisite: Eng 12, CV 81/91, Eng 107, or acceptance into a Career Program. **4:0:0**

Communication 118 (3)

BUSINESS WRITING

Communication 118 provides training in writing skills, with the emphasis on Business Communication. It teaches students to write effectively in a career context. The course covers the main forms of business writing and the job application package.

Prerequisite: Eng 12, CV 81/91, Eng 107, or acceptance into a Career Program. **4:0:0**

Fine Arts Program — See page 84

Food Services Technician Program — See page 68

French (Fren) Courses

French 114 (3)

FRENCH IN THEATRE ARTS

A course providing the basis of good French enunciation, pronunciation, and intonation; restricted to students in the Theatre Arts Program. **2:0:2**

French 115 (3) and French 215 (3)

BEGINNER'S COLLEGE FRENCH

Fundamentals of speaking, reading, and writing French; classroom work supplemented by practice in the Language Laboratory.

Introductory course for students with no previous knowledge of French.

Prerequisite for Fren 115: none.

Prerequisite for Fren 215: Fren 115.

3:0:1

French 117 (3) and French 217 (3)

INTERMEDIATE FRENCH

First year College French for those who have completed Grade 11 French in secondary school, or equivalent.

Prerequisite for French 117: French 11 or French 215 or French 061/071.

Prerequisite for French 217: French 117.

3:0:1

French 118 (3) and French 218 (3)

FRENCH CONVERSATION, LANGUAGE AND LITERATURE

Designed for students who want a less specialized course than either French 119/219 or French 125/225. This course offers a review of grammar, a study of literary texts, and practice in conversation. However, if you plan to take French 302/402 or French 329/429 in second year, you must take French 119/219.

Prerequisite for Fren 118: Fren 12 or Fren 117/217.

Prerequisite for Fren 218: Fren 118.

3:0:1

French 119 (3) and French 219 (3)

FRENCH LANGUAGE AND LITERATURE

A course consisting of literature, grammar, and oral and written composition for students who plan advanced study in the French Language.

Prerequisite for Fren 119: Fren 12 or Fren 83/93 or equivalent.

Prerequisite for Fren 219: Fren 119.

4:0:0

French 125 (3) and French 225 (3)

(Formerly French 325 and French 425)

CONVERSATIONAL FRENCH

A conversational approach to French culture.

Prerequisite for Fren 125: Fren 12 or Fren 217 or Fren 215 with permission of the Department.

Prerequisite for Fren 225: Fren 125.

This course may be taken in the first year of college.

4:0:1

French 302 (3) and French 402 (3)

ADVANCED FRENCH LANGUAGE AND COMPOSITION

Emphasis is on composition and translation. Classes are conducted entirely in French. This course is to be taken by all students intending to proceed to third year French programs at university.

Prerequisite for Fren 302: Fren 219 or equivalent.

Prerequisite for Fren 402: Fren 302 or equivalent.

3:0:1

French 329 (3) and French 429 (3)

A SURVEY OF FRENCH LITERATURE

French 329 deals with selected works from the Middle Ages to the 17th century; French 429 with representative texts from the 18th to the 20th century.

Discussion and writing are in French. To be taken by all students intending to proceed to third year French courses at university.

Prerequisite for Fren 329: Fren 219 or equivalent.

Prerequisite for Fren 429: Fren 329 or equivalent.

Geography (Geog) Courses

All geography courses carry university transfer credit.

Geography 100 (3)

INTRODUCTION TO GEOGRAPHY

This course provides an introduction to the thought, theory, and skills of the geographer. It deals with man/environmental knowledge. It examines the use of geography in understanding and solving environmental, economic, political, and social problems.

3:1:0

NOTE: Students planning advanced study in Geography should take this course.

Geography 120 (3)

INTRODUCTION TO THE GEOGRAPHY OF CANADA

This course examines the geography of Canada from its environmental base to resource management problems and regional characteristics, emphasizing current social, political, and economic issues.

3:1:0

Geography 130 (3)

URBAN GEOGRAPHY

This course studies the evolution, spatial organization, and dynamics of the modern city. Special emphasis is on the Canadian context, including locally oriented field trips and projects.

3:1:0

Geography 150 (3)

ECONOMIC DEVELOPMENT OF BRITISH COLUMBIA

This course provides a geographic analysis of the factors influencing the development of B.C.'s human and physical resources. Some of the topics considered are the effects of the physical environment, historic economic development, trends in selected sectors of the economy, the role of the government in resource policy, and international trade. Emphasis is on contemporary problems, trends, and issues.

3:1:0

NOTE: In addition to being offered as a regular course, Geography 150 may also be given in the Geography Field School: May-June 1981 which is described below.

Geography 155 (3)

ENVIRONMENTAL ISSUES — MAN AND NATURE

This is an introductory course emphasizing environmental issues and natural hazards with special attention given to questions of environmental management. There will be a heavy emphasis on B.C. issues although a broader perspective will sometimes be necessary. You will have an opportunity to gain some experience in field work and other research methods. Some basic knowledge of B.C. is desirable for students interested in this course.

2:2:0

Geography 160 (3)

THE PACIFIC RIM

This course presents a geographic approach to trends and problems in the economic, social, and political developments of Pacific Rim countries. Some issues are studied in the context of the entire Pacific region, whereas others are examined in more detail on a specific regional basis, e.g. Latin America, East Asia. Special emphasis is placed on Canada-Pacific Rim relationships such as trade.

3:1:0

Geography 180 (3)

PHYSICAL GEOGRAPHY (METEOROLOGY AND CLIMATOLOGY)

This course is a laboratory science which provides an introduction to weather, climate, vegetation, and cartography. The approach emphasizes process, classification, and distribution. Examples are drawn largely from North America with special emphasis on local conditions. Lectures and labs complement one another by providing both theoretical and applied perspectives.

2:1:2

NOTE: Students planning advanced study in Geography should take both Geography 180 and 190 *in any sequence or concurrently*.

Geography 190 (3)

PHYSICAL GEOGRAPHY (GEOMORPHOLOGY)

This course is a laboratory science which provides an introduction to geomorphology (the study of landforms) and soils. The approach emphasizes process, form, and distribution. Examples are drawn largely from North America with special emphasis on local conditions. Lectures and labs complement one another by providing both theoretical and applied perspectives.

2:1:2

NOTE: Students planning advanced study in Geography should take both Geography 180 and 190 *in any sequence or concurrently*.

Geography 195 (3) and Geography 295 (3)

These numbers are reserved for Geography courses that may be offered from time to time by:

- College Geography Faculty who may wish to present a course in their specialty which may be of limited interest, or
- Visiting Geography Lecturers.

Announcements regarding Geography 195 and 295 offerings will be made in term schedules.

NOTE: Prerequisites will be made by special bulletin.

Geography 195 (3) May-June 1981

GEOGRAPHY FIELD TECHNIQUES

This course offers practical experience in the use of a variety of geographical techniques. Techniques such as mapping and graphing, spatial analysis, landscape interpretation and the analysis of land use conflict will be applied by students to problems in field settings. No prerequisites. This is to be taught as part of the Geography Field School which is described below.

2:1:2

Geography 250 (3)

ECONOMIC GEOGRAPHY

This course provides a basic introduction to the principles of economic geography and locational analysis. It is a second level course emphasizing the theoretical and quantitative methods and techniques used by the geographer. It stresses contemporary problems associated with economic behaviour together with techniques used in interpreting regional disparities, spatial organization of industry, and patterns of communications. Prerequisites: Geography 100 or Geography 130 or other Social Science alternative with Department permission.

3:1:0

Geography 270 (3)

CULTURAL GEOGRAPHY

This course presents a geographical appreciation of the beliefs, traditions, and growth of human society. A consideration of such topics as environmental perception, cultural impressions on the landscape, diffusion, and the interaction of cultures.

Prerequisites: Geography 100 or Geography 130 or other Social Science alternative with Departmental permission.

3:1:0

GEOGRAPHY FIELD SCHOOL: MAY-JUNE 1981

In May-June 1981 the Geography Field School will consist of two courses: Geography 150 (3), Economic Development of British Columbia and Geography 195 (3), Geography Field Techniques (see the individual course descriptions). Students must enroll in both courses and are required to attend an eleven day field camp (June 4 - 14) near Oliver, B.C.

Additional Field School expenses to be announced.

Geology 110 (3) and Geology 210 (3)

INTRODUCTION TO GEOLOGY I AND II

A laboratory science course providing an introduction to physical and historical geology. It includes consideration of the origin and structure of the earth, rocks and minerals, deformation of the earth's crust, erosion and land forms, history of the earth and development of life, and economic geography. Evidence will be examined in the laboratory and in the field.

Prerequisite: Geology 110: none.

Prerequisite: Geology 210: 110.

3:0:2

German Courses

German 114 (3)

GERMAN IN THEATRE ARTS

A course providing the basis of good German enunciation, pronunciation and intonation; restricted to students in the Theatre Arts Programs.

2:0:2

German 115 (3) and German 215 (3)

BEGINNERS' COLLEGE GERMAN

Fundamentals of speaking, reading and writing German; a prerequisite to the concentrated study of German. Introductory courses for students who have little or no previous knowledge of German.

Prerequisite for Germ 115: none.

Prerequisite for Germ 215: Germ 115 or Germ 11.

3:0:1

German 119 (3) and German 219 (3)

GERMAN LANGUAGE AND LITERATURE

An intermediate course consisting of a thorough review of language structure and grammar, plus oral and written German based on the reading of modern short stories.

Prerequisite for Germ 119: Germ 215, Germ 12 or equivalent, or permission of the department.

Prerequisite for Germ 219: Germ 119.

3:1:0

German 329 (3) and German 429 (3)

A SURVEY OF GERMAN LITERATURE

This is an advanced course dealing with representative works of German literature from 1800 to the present, along with oral and written practice in German.

Prerequisite for Germ 329: Germ 219 or equivalent, or permission of the department.

Prerequisite for Germ 429: Germ 329.

3:1:0

History (Hist) Courses

History 111 (3)

THE HISTORY OF GREECE

The nature of history, chronological systems, and the ancient Near East, The rise of the Greek city-states, with special emphasis on the political, economic and cultural achievements of the Classical period (500 - 323 B.C.).

4:0:0

History 211 (3)

THE HISTORY OF ROME

The growth of Rome, the development of her political institutions, the acquisition of empire, the collapse of the Republic, the political and social history of the Empire, and the decline and fall.

4:0:0

History 113 (3)

HISTORY OF THE EARLY MEDIEVAL WORLD

A study of the most pertinent aspects of early Medieval History from the decline of Rome to about the year 1000 A.D. Special attention will be given to the development of characteristic institutions and ideas in this period. The course will focus upon the disintegration of the classical world and the genesis of a new form of civilization in Europe. **3:1:0**

NOTE: This course will be offered during the Fall term only.

History 213 (3)

HISTORY OF THE LATE MEDIEVAL WORLD

A study of the most pertinent aspects of the late Medieval World from about the year 1000 A.D. until the Italian Renaissance. Special attention will be given to the development of institutions and ideas in this period. **3:1:0**

NOTE: This course will be offered in the Spring Term.

History 114 (3)

(Formerly History 120)

WESTERN THOUGHT AND INSTITUTIONS

The development of the political thought, religion, science, economics, and culture of the Western World from 1500 to 1763. An introductory course recommended as a basis for studies in Modern History. **3:1:0**

History 214 (3)

(Formerly History 230)

WESTERN THOUGHT AND INSTITUTIONS

This course is a continuation of History 114, extending from the mid-eighteenth century to 1900. It gives special attention to the Enlightenment, the Industrial Revolution, the French Revolution, and the development of society in nineteenth century Europe. This is an introductory course which is recommended as a basis for studies in Modern History. **3:1:0**

History 115 (3)

(Formerly History 140)

MODERN HISTORY (1900 - 1939)

A study of Europe at the turn of the century; the causes, the events, and aftermath of World War I; the "Search for Security" and the League of Nations; the Great Depression and the rise of totalitarian states. **3:1:0**

History 215 (3)

(Formerly History 240)

MODERN HISTORY (1939 TO PRESENT)

A study of the conflicts leading to World War II; the events and global aspects of the war; the "Cold War" tension; the impact of growing Communism and the emergence of the People's Republic of China; the collapse of colonialism and resultant rise of the new nationalism in Asia and Africa. **3:1:0**

History 116 (3)

(Formerly History 150)

EARLY CANADA

The analysis of early French and English colonies on the eastern coast through the period of colonial rivalry; their impact on the native Indian culture; the British conquest; the conflict of cultures; social, economic, and political developments to 1867. **3:1:0**

History 216 (3)

(Formerly History 260)

MODERN CANADA (1867 - 1967)

The social, political, and economic growth of Canada from sea to sea. **3:1:0**

History 117 (3)

(Formerly History 151)

B.C. HISTORY I

An introduction to methods in historical research within the context of early British Columbia history. The main emphasis is on the analysis and interpretation of resource materials. **2:2:0**

History 217 (3)

(Formerly History 152)

B.C. HISTORY II

A study of late 19th and 20th century British Columbia history with special attention to the organization of research findings.

Prerequisite: History 151.

2:2:0

History 119 (3)

(Formerly History 170)

AMERICAN HISTORY (FROM EARLY COLONIES TO THE CIVIL WAR)

A study of the struggle of the first British colonies for economic existence, for political independence, for continental expansion, and for political unity. **3:1:0**

NOTE: This course will be offered in the Fall Term.

History 219 (3)

(Formerly History 280)

AMERICAN HISTORY (FROM THE CIVIL WAR TO THE PRESENT)

A study of the growth of a great power through consolidation and economic exploitation of vast lands and resources, its defiance of Old World powers, pro- and anti-isolationist factors in World War I and World War II, the problems and responsibilities of the world's great industrial giant. **3:1:0**

NOTE: This course will be offered in the Spring Term.

History 122 (3)

(Formerly History 135)

BRITISH IMPERIAL HISTORY

An analysis of British Expansion 1497 - 1857. The major themes include exploration, colonization, mercantilist economics, the American Revolution and the birth of a free trade empire. **3:1:0**

History 222 (3)

(Formerly History 235)

BRITISH IMPERIAL HISTORY

A continuation of History 122, this course covers the period 1857 - 1960. The major developments analyzed and described are the zenith of imperialism, the decline to decadence, the birth of the Commonwealth. **3:1:0**

History 125 (3)

(Formerly History 180)

CHINA: A CENTURY OF REVOLUTION (1840-1949)

An introduction to the historical events of the one hundred year period leading up to the "liberation" of China in 1949. Ideological, social, and political aspects will be related to the historical development. **3:1:0**

History 369 (3)

CANADIAN-AMERICAN RELATIONS

A study of integration and conflict, from our historical beginnings to our twentieth century industrialization. **3:1:0**

NOTE: This course will be offered in the Spring Term.

History 195 (3) and History 295 (3)

These numbers are reserved for History courses that may be offered from time to time by:

- a) College History Faculty who may wish to present a course in their specialty which may be of limited interest; or
- b) Visiting History Lecturers.

Announcements regarding History 195 and 295 offerings will be made in term schedules. **3:1:0**

The following courses may be taught from time to time.

History 139 (3) Britain in the Nineteenth Century.

History 149 (3) Britain in the Twentieth Century.

History 161 (3) Selected Issues in Canadian History.

History 330 (3) France in a Revolutionary Age.

History 333 (3) Russia in the Nineteenth Century.

Journalism Program — See page 36

Library Technician Program — See Page 72

Mathematics, Computer Science and Statistics Courses

MATH DIAGNOSTIC TEST

If you wish to register in any of Math 152, 153, 162, or 171, and if you fall into any of the categories listed below, you must write the diagnostic placement test:

- 1) if you have not previously registered in Math 152, 153, 162 or 171.
- 2) if you have formerly registered in any of the above mentioned courses but have not taken a math course within the last year.

MATHEMATICS COURSES

Mathematics 118 (3)

MATHEMATICS OF FINANCE

An introduction to the mathematics of finance and investment including simple interest and discount, compound interest, annuities, amortization and sinking funds, depreciation and valuation of investments. **4:0:0**

Mathematics 119 (3)

MATHEMATICS OF BUSINESS AFFAIRS

Basic mathematics of everyday business affairs including simple and compound interest, promissory notes, installment buying, cash and trade discounts, loans, mortgages, insurance, investment, and elementary statistics. **4:0:0**

Mathematics 121 (3)

MATHEMATICS AND STATISTICS FOR REALTY APPRAISAL

A course designed to provide students in the Realty Appraisal course with a review of basic mathematics and introduction to business mathematics, annuities, graphs and graphical analysis, and statistics. Course restricted to students in the Realty Appraisal program. **4:0:0**

Mathematics 150 (3)

SELECTED TOPICS IN ALGEBRA

This is a one semester course designed for students whose backgrounds in the concepts and skills of modern algebra is insufficient to cope with Mathematics 152. The precise topics to be covered each semester will be determined by the needs of the students registered and will be directly related to the topics covered in Mathematics 152.

Prerequisite: At least 2 years of secondary school mathematics (including algebra). **4:0:0**

Mathematics 250 (3)

GEOMETRY

Topics will include: areas, similar figures, the circle, the ellipse, and the parabola. This course is not intended for students who have had geometry in high school.

Prerequisites: Math 11 or Math 150 (may be taken concurrently). **4:0:0**

Mathematics 152 (3)

FUNDAMENTAL PRECALCULUS MATHEMATICS

This is a one semester intensive course of algebra and trigonometry. The course is intended for students with some knowledge of basic algebra but with backgrounds too weak for Math 153.

4:0:0

Prerequisite: Standing of "C" or higher in Math 150, Math 11, or Math 071, or equivalent. See information on Placement Test.

Mathematics 153/253 (6)

INTRODUCTION TO CALCULUS

This is a two semester course designed to introduce differentiation and anti-derivatives together with the algebra, trigonometry, and geometry required in their applications. This course is recommended for students who have Algebra 12 or Math 12 but have not done mathematics for some time.

Prerequisite: Math 152, Algebra 12 or a B standing in Math 11. Students with Math 11 only and whose grade is less than B must take Math 152 before going on to Math 152/253. See information on Placement Test.

4:0:0

Mathematics 162 (3)

FINITE MATHEMATICS I

A presentation of mathematical models in a social, business or biological context and a consideration of specific applied problems in these areas. Covers basic symbolic logic, set theory, counting methods, probability and statistics.

Prerequisite: Math 150 (Langara), Math 11 (Secondary School, B.C.) or equivalent. See information on Placement Test.

4:0:0

Mathematics 262 (3)

FINITE MATHEMATICS II

A sequel to Math 162, covering matrix methods, applications to linear programming. Markov chains, game theory.

Prerequisite: Math 162.

4:0:0

Mathematics 171 (3)

CALCULUS I

This course deals primarily with differentiation. The major topics include: limits (intuitive approach), development and definition of derivatives, differentiation techniques (algebraic, trigonometric, inverse trigonometric, exponential, and logarithmic function), curve sketching (including parametric equations and polar coordinates), applications of derivatives (optimization, related rates, linear motion, differential approximations), antiderivatives, growth and decay.

Prerequisite: Standing of "C" or higher in Math 12, Math 093 (King Ed.), or equivalent.

4:0:0

NOTE: You should have a sufficiently high standing on the Mathematics Placement Test and a solid background in algebra and trigonometry. See information on Placement Test.

Mathematics 271 (3)

CALCULUS II

This course deals primarily with integration and series. The major topics include: the concept of integration, techniques of integration, applications of integration, the calculus of space curves as defined by vectors or parametric equations, and infinite series.

Prerequisite: Math 253 or Math 171.

4:0:0

Mathematics 361 (3)

ALGEBRA I

Integers, integral domains, fields, vector spaces, polynomial domains, matrices, Euclidean spaces.

Prerequisite: Math 271.

4:0:0

Mathematics 461 (3)

LINEAR ALGEBRA

A review of vector space structure and general solution of linear systems, linear combinations, linear transformations, determinants, eigen values and eigen vectors, quadratic forms, inner product spaces.

Prerequisite: Math 271 or permission of department.

4:0:0

Mathematics 462 (3)

LINEAR ALGEBRA WITH APPLICATION

The least squares method; diagonalizable matrices, powers and exponentials, stochastic matrices and Markov chains, orthogonal matrices, symmetric matrices and quadratic forms, the spectral theorem, maxima and minima of functions of several variables, complex matrices. Application to statistics, economics, physics, engineering, etc.

Prerequisites: Math 461; Math 371 (which may be taken concurrently).

4:0:0

Mathematics 371 (3)

CALCULUS III

Theory and applications related to the following topics: vector-valued functions, partial differentiation, extremal problems, double integrals, triple integrals, and additional topics concerning functions of several variables.

Prerequisite: Math 271.

4:0:0

Mathematics 471 (3)

CALCULUS IV

Topics include: curves and surfaces, vector fields, line and surface integrals, Divergence Theorem, Theorems of Green and Stokes, application of the aforementioned topics, and additional topics concerning functions of several variables.

Prerequisite: Math 371.

4:0:0

Mathematics 373 (3)

REAL ANALYSIS

An introduction to the theoretical foundations of calculus. Topics include: real numbers, basic topology of the real line, sequences and series, the derivative and the Riemann integral.

Prerequisite: Math 271 (may be taken concurrently).

4:0:0

Mathematics 475 (3)

First order equations; special techniques and applications; second order equations, constant coefficients; homogeneous and non-homogeneous cases and application; first order systems; basics of linear algebra (matrix algebra, Gauss-Jordan reduction, determinants); power series solutions, Laplace Transforms, Fourier series plus topics selected from linear operators, dependence and independence of solutions.

Prerequisite: Math 371. (If you have not completed Math 461, you should take it concurrently.)

4:0:0

Mathematics 310 (3)

QUANTITATIVE METHODS IN BUSINESS

Applications of basic mathematics and linear algebra to business administration. Required of all students in the first year Commerce program.

Prerequisite: Math 262, 253, 171, or 251. (May be taken concurrently with permission of the department.)

4:0:0

Mathematics 311 (3)

BUSINESS APPLICATIONS OF CALCULUS

Introduction to differential and integral calculus and their applications in business. Required of all students in the first year Commerce program who have not yet completed a first year calculus course.

Prerequisite: Math 251, 262, 171, or 253. (May be taken concurrently with permission of the Department.)

4:0:0

Mathematics 210 (3)

BUSINESS ANALYSIS BY COMPUTER

An introductory course in the solution of mathematic problems encountered in business. Course features include:

- Student access to a computer via a time-sharing terminal,
- instruction in the BASIC programming language,
- analysis of common business calculations followed by programming and computer solution.

4:0:0

Computer Science Courses

Computer Sciences 131 (3)

(Formerly Mathematics 131)

COMPUTERS IN SOCIETY I

The impact of computer technology on society. The history, issues, and current uses of computers. The effect computers have on our lives: in business, finance industry, science, law enforcement and the arts. To

provide information on the concepts and applications of computer including algorithms, languages, and problem-solving and several current applications.

Prerequisite: none

4:0:0

Computer Science 231 (3)

(Formerly Mathematics 231)

INTRODUCTION TO NUMERICAL COMPUTATION

The course background will consist of an introduction to Study of numeration systems, Set Theory, Logic, Boolean Algebra, Switching Networks, Linear, non Linear, and Logarithmic function, Systems of Linear operations, Matrix Algebra, applications into Linear Programming. FORTRAN will be taught to provide necessary practical applications.

Prerequisite: Math 153, 162, or 171 (may be taken concurrently with any of these) **and** students in career programs.

4:0:0

Computer Science 135 (3)

(Formerly Mathematics 135)

PRINCIPLES OF COMPUTER PROGRAMMING I

An introduction to problem-solving using digital computers. The objectives are: to learn a disciplined approach to problem-solving in a wide variety of domains (both numeric and non-numeric); to become familiar with basic techniques for representing and manipulating problem data; to become familiar with two "high-level" computer programming languages (Pascal and FORTRAN); to become familiar with appreciation of the relationships between hardware, programs, and problem-solutions.

Prerequisite: Math 153, 162, or 171 (any of which may be taken concurrently with 135.)

3:1:0

Computer Science 235 (3)

(Formerly Mathematics 235)

PRINCIPLES OF COMPUTER PROGRAMMING II

The continuation of Computer Science 135.

Prerequisite: Computer Science 135.

3:1:0

Computer Science 335 (3)

DATA STRUCTURE

Representation and manipulation of data structures, including strings, arrays, linked lists, stacks, queues, and trees. Use of a high level language (Pascal or Cobol) to show the application of data structures.

Prerequisite: Computer Science 235.

4:0:0

Computer Science 435 (3)

GENERAL PROGRAMMING TECHNIQUES

Structured programming in Cobol and general programming techniques using business applications. Topics to include input validation, data manipulation, report generation, tables, searching, merging, sorting and updating.

Prerequisite: Computer Science 335 or permission of Department.

4:0:0

Computer Science 436 (3)

COMPUTER ORGANIZATION AND PROGRAMMING

Computer architecture, detailed study of Assembler Language (including addressing techniques, macros, subroutines, I/O operations), assemblers versus compilers, number systems, physical representation of data, libraries, basic operating system concepts.

Prerequisite: Computer Science 335 and 436 may be taken concurrently.
4:0:0

Statistics Courses

Statistics 123 (3)

(Formerly Mathematics 123)

BASIC PROBABILITY AND STATISTICS FOR BUSINESS

Includes: collection, classification, analysis, and presentation of numerical data, measures of location and variability; probability; random samples and sampling distributions; estimation of parameters; testing hypotheses; regression.
4:0:0

Statistics 124 (3)

STATISTICAL METHOD I

A first course in statistics developed through the concept of randomness. Data used will be generated by students. Topics will include: levels of measurement, frequency distributions, measures of central tendency, measures of dispersion, sampling distributions, central limit theorem, normal distribution, estimation, hypothesis testing, some non parametric tests.

Prerequisites: Math 11 or Math 150.

2:0:2

Statistics 181 (3)

(Formerly Mathematics 181)

DESCRIPTIVE AND ELEMENTARY INFERENTIAL STATISTICS

A first course in probability and statistics including: probability theory, descriptive statistics, sampling distributions, hypothesis testing.

Prerequisite: Math 171, 253 or equivalent.

4:0:0

Statistics 224 (3)

STATISTICAL METHODS II

A continuation of Stat 124 and Stat 181. Methods will be emphasized. Topics will include, elementary probability, review of estimation and hypothesis testing, Chi-square, test, analysis of variance, linear regression and correlation, non parametric test.

Prerequisite: Stat 124 or 181.

2:0:2

Statistics 281 (3)

(Formerly Mathematics 281)

PROBABILITY AND ELEMENTARY MATHEMATICAL STATISTICS

Probability, conditional probability, random variables, moments and

moment generating functions, discrete distributions including the binomial, hyper-geometric and Poisson distribution, continuous distributions including the exponential, uniform Chi-square and normal distributions, central limit theorem, applications to statistics including sampling, estimation, and hypotheses testing.

Prerequisite: Math 271 or equivalent. (If you have not yet completed Statistics 124 or 181, you should take 181 concurrently.)

3:0:1

Philosophy (Phil) Courses

Philosophy is a mode of enquiry, an attitude towards considering fundamental questions, rather than a specific set of beliefs. Philosophical enquiry cuts across the boundaries which separate other disciplines. Insofar as individuals want to understand themselves, their society, and their world, they typically ask philosophical questions. We welcome students who ask questions of this order. Philosophy 100, 101, 102, and 103 may be taken in any sequence or concurrently.

Philosophy 100 (3)

INTRODUCTION TO PHILOSOPHY: (ETHICS, AESTHETICS, POLITICS, AND HUMAN NATURE)

Course deals with concept such as goodness, happiness, rights, obligations, style, beauty, art, politics, mass media, thought control, human uses of human beings, alienation, the ethics of growth and competition.

3:1:0

Philosophy 101 (3)

INTRODUCTION TO PHILOSOPHY: (EPISTEMOLOGY, METAPHYSICS, AND LOGIC)

Course deals with concepts such as the purpose of life, empirical and mystical conceptions of truth, belief, opinion, various ways of defining reality, a *posteriori* knowledge, the nature of God and mind.

3:1:0

Philosophy 102 (3)

INTRODUCTION TO LOGIC

This is an introduction to informal and elementary formal logic. Valid and invalid reasoning. Common fallacies, logical connectives "and," "or," "if" . . . then." Truth tables. Propositional calculus and predicate calculus.

3:1:0

Philosophy 103 (3)

INTRODUCTION TO PHILOSOPHY OF SCIENCE

What is science? Hypotheses, theories, and laws; induction and deduction. Testing hypotheses. Explanation in physical and social sciences: deductive, statistical, functional, empathetic, probability.

3:1:0

Philosophy 195 (3) and Philosophy 295 (3)

These numbers are reserved for Philosophy courses that may be offered from time to time by:

- a) College Philosophy Faculty who may wish to present a course in their specialty which may be of limited interest; or
- b) Visiting Philosophy Lecturers.

Announcement regarding Philosophy 195 and 295 offerings will be made in term schedules.

Prerequisites will be announced by special bulletin.

Philosophy 201 (3)

THEORIES OF KNOWLEDGE

This course will focus on questions such as: What is knowledge? What are the origins and limits of knowledge? Do we acquire knowledge by reason, experiment, intuition, inspiration? To what extent does language limit our world? What is truth? How can we have knowledge of mind or God?

Prerequisites: Phil 100 or Phil 101.

3:1:0

Philosophy 202 (3)

ETHICS

A consideration of questions such as: When can we hold an individual morally responsible for his actions? What is freedom? What are my obligations to my community? From the available courses of action open to me, what ought I to do? What is good? The course will consider the views of philosophers such as Plato, Aristotle, Kant, Mill and Marcuse.

3:1:0

Philosophy 203 (3)

METAPHYSICS

This course deals with some metaphysical concepts such as: meaning, forms (Platonic), substance (as in Aristotle's *Metaphysica*), mind, existence and God. This course will focus on two or three of these concepts.

Prerequisite: Phil 201.

3:1:0

Philosophy 225 (3)

EXISTENTIALISM

Introduction to existentialist approaches to concepts such as the individual, knowledge, freedom, choice, absurdity, good and bad faith, alienation. After a general introduction, the course will focus on a few of the above concepts as found in specific writers such as Sartre and Kierkegaard, and will look at various critiques of Existentialism such as the Marxist. May not be offered every semester.

Prerequisite: Phil 100 or Phil 101 or consent of Department.

3:1:0

Philosophy 226 (3)

SOCIAL AND POLITICAL PHILOSOPHY

This course investigates philosophical concepts basic to contemporary political doctrines such as communism, fascism, anarchism, and liberal democracy; and contemporary social practices such as punishment, behavioral engineering, non-violence, and revolution.

Prerequisite: Phil 100 or Phil 101 or consent of Department.

3:1:0

Philosophy 227 (3)

PHILOSOPHY OF EDUCATION

This course provides an opportunity for students to investigate the philosophical roots of and justifications for contemporary educational practices and systems. It will draw relationships between epistemological, ethical, and political theories and various views of the way children ought to be treated. It will stress alternative approaches to traditional and contemporary education.

Prerequisite: Phil 100 or Phil 101 or consent of Department.

3:1:0

Physical Education Courses — See page 93

Physics (Phys) Courses

Physics 115 (3)

MECHANICS

An introduction to elementary mechanics. The course examines kinematics, dynamics, statics, energy, heat, and sound in the classroom and laboratory.

Prerequisite: Standing of "C" or higher in Phys 11 or Phys 071 or equivalent; Math 152 or Math 171 (which may be taken concurrently.)

4:0:2

Physics 116 (3)

A SURVEY OF MECHANICS

An introductory physics course in mechanics for students who have had no previous physics course. The course examines motion, forces, energy and inertial effects in the classroom and in the laboratory.

Prerequisite: Math 11 or Math 071 or equivalent.

3:1:2

Physics 130 (3)

PHOTOGRAPHIC OPTICS

This is a basic course in geometric optics with applications to photography. It studies the effect of mirrors, prisms, and lenses on the behaviour of light.

4:0:0

Physics 215 (3)

ELECTRICITY, LIGHT, AND RELATIVITY

An introduction to light, electrical phenomena, and special relativity. The course examines the behaviour of light and of electric charges in classroom and laboratory.

Prerequisite: Phys 115.

4:0:2

Physics 216 (3)

ELECTRICITY AND THE ATOM

A survey that describes the electrical properties of matter, including electrical conduction, magnetism, light, atomic, and nuclear effects. (Not offered every semester.)

Prerequisite: Phys 116 or Phys 115.

3:1:2

Physics 230 (3)

ELECTRICITY IN PHOTOGRAPHY

An introduction to the field of electronics relevant to photography, including the structure and function of video cameras, tape recorders, and electronic flash units.

4:0:0

Physics 323 (3)

MECHANICS AND SPECIAL RELATIVITY I

Classical particle physics, Newton's laws of motion, conservation law, energy, momentum, angular momentum, potential energy, gravitation, planetary motion, non-inertial frames, motion in rotating frames. (Fall Term)

Prerequisites: Phys 215, Math 371 (which may be taken concurrently.)

3:1:0

Physics 325 (3)

THERMODYNAMICS AND HEAT

Temperature, thermodynamic co-ordinates, equations of state, 1st Law, ideal gas, kinetic theory, 2nd Law, entropy, thermodynamic probability, partition function, enthalpy. Helmholtz's free energy, Gibb's free energy, specific heats, phase transitions. (Fall Term)

Prerequisites: Phys 215, Math 371 (which may be taken concurrently)

3:1:0

Physics 327 (1)

EXPERIMENTAL PHYSICS I

An examination of mechanical and thermal processes with the aid of linear air tracks, cathode ray tubes, and optical pyrometer. (Fall Term) This course is primarily for students taking Phys 323 and/or Phys 325 who wish a complete program.

0:0:3

Physics 423 (3)

MECHANICS AND SPECIAL RELATIVITY II

Ultimate speed, formulas for relativistic energy and momentum, difficulties with aether hypothesis, Lorentz transform, Fitzgerald contraction, time dilation, composition of velocities, Doppler effect, twin paradox, proper time, four-vectors, energy, momentum four-vector, spacetime, modifications to dynamics.

Prerequisites: Phys 215 or 216; Math 471 and/or Math 475 (which may be taken concurrently)

3:1:0

Physics 425 (3)

ELECTRICITY AND A-C CIRCUIT THEORY

Charge, current, current density, resistivity, E, B, flux, electromagnetic induction, inductive reactance, capacitive reactance, complex form of Ohm's law, impedance, admittance, networks, filters, transmission lines.

Prerequisites: Phys 215 or 216; Math 471 and/or Math 475 (which may be taken concurrently.)

3:1:0

Physics 427 (1)

EXPERIMENTAL PHYSICS

An examination in the laboratory of electric fields and alternating current circuits. (Spring Term) This course is primarily for students taking Phys 423 and/or 425 who wish a complete program.

0:0:3

Political Science (Pol Sc) Courses

Political Science 117 (3)

SOCIAL LEGISLATION IN CANADA

A study of federal, provincial, and municipal legislation and its application in the broad field of social welfare.

3:1:0

Political Science 119 (3)

CANADIAN POLITICS AND GOVERNMENT

This introductory study deals with the origins and structure of Canadian Government and an analysis of the social and political forces which shape our current political system.

3:1:0

Political Science 209 (3)

THE CANADIAN POLICY PROCESS

An examination of how laws are developed and implemented in Canada. Topics will include general policy-making theory as well as the roles of the public, parliament, cabinet, and public service in policy development.

3:1:0

Political Science 219 (3)

PUBLIC ADMINISTRATION IN CANADA

A study of the Public Service in Canada, including current social and political patterns in modern large-scale organizations, the organization of the Government of Canada, and local administration. This course should be of particular interest to students planning to take Commerce.

3:1:0

Political Science 130 (3)

AN INTRODUCTION TO POLITICAL ANALYSIS

An introduction to the scope and some of the methods (questionnaire preparation, survey research, data analysis) of political science. This course is useful to students intending to go on in Political Science, but it is also suitable for those who do not intend to take further courses in this subject.

3:1:0

Political Science 140 (3)

(Formerly Political Science 270)

INTRODUCTION TO INTERNATIONAL RELATIONS

An introduction to the politics of world society, its historical development, the major forms of analysis of global political structure and political process, contemporary problems of world society. **3:1:0**

Political Science 240 (3)

(Formerly Political Science 271)

FOREIGN POLICY

An introduction to the study of the foreign policies of the major regions of the world toward the global system, internal and external restraints on states, foreign policy formulation and implementation. **3:1:0**

Political Science 150 (3)

POLITICS OF INDUSTRIAL SOCIETIES

A comparative analysis of some foreign governments, e.g. Britain, the U.S.A., the U.S.S.R., France, Japan, or West Germany. **3:1:0**

Political Science 250 (3)

POLITICS IN NON-INDUSTRIAL SOCIETIES

This course will be concerned with the political, social, and economic forces at work on the political systems of selected countries of the "Third World" (e.g. Ivory Coast, Cuba, and India.) **3:1:0**

Political Science 160 (3)

(Formerly Political Science 260)

CONTEMPORARY IDEOLOGIES

An examination of major political ideologies of the 19th and 20th Centuries, including conservatism, liberalism, socialism, communism, and fascism. **3:1:0**

Political Science 225 (3)

(Formerly Political Science 350)

CONTEMPORARY CHINA

An introduction to Chinese politics, government, and society. It includes such topics as ideology, political culture, social experiments, and historical development. **3:1:0**

Political Science 195 (3) and Political Science 295 (3)

These numbers are reserved for Political Science courses that may be offered from time to time by:

- College Political Science Faculty who may wish to present a course in their specialty which may be of limited interest; or
- Visiting Political Science Lecturers.

Announcements regarding Political Science 195 and 295 offering will be made in term schedules.

Prerequisites will be announced by special bulletin.

3:1:0

Psychology (Psych) Courses

Psychology 115 (3)

FUNDAMENTALS OF PSYCHOLOGY I

An introduction to Psychology, emphasizing the scientific method in the study of human behaviour. The course focuses on the history and methods of psychological enquiry, the phenomena of sensation and perception, and the fundamentals of conditioning and learning. Other topics, including human development, development, physiology, and the properties of language, thinking and states of awareness, will be selected at the discretion of the instructor. **3:1:0**

NOTE: In the normal autumn semester, Psychology 115 will also be offered by cassette correspondence. See term supplement for details.

Psychology 117 (3)

APPLIED PSYCHOLOGY

A course designed primarily to introduce career program students to the psychological principles which operate personally, socially, and vocationally, with the emphasis on the individual in his work environment. **3:1:0**

Psychology 118 (3)

EARLY CHILD GROWTH AND DEVELOPMENT I

This course looks at human development up to middle childhood. It deals with the stages of development in chronological sequence. It also deals with concepts of development and research methods in developmental psychology. This course is oriented to the needs of students in the Early Childhood Education Program. **3:1:0**

Psychology 195 (3) and Psychology 295 (3)

These numbers are reserved for Psychology courses that may be offered from time to time by:

- College Psychology Faculty who may wish to present a course in their specialty which may be of limited interest; or,
- Visiting Psychology Lecturers.

Announcements regarding Psychology 195 and 295 offerings will be made in term schedules.

Prerequisites will be announced by special bulletin.

3:1:0

Psychology 215 (3)

FUNDAMENTALS OF PSYCHOLOGY II

A continuation of Psychology 115 with more emphasis on the individual. The course will include the study of motivation, emotion and personality. Other topics, including theories of intelligence, the social basis of behaviour, the dynamics of adjustment, and the treatment of behaviour disorders will be selected at the discretion of the instructor. **3:1:0**

NOTE: In the normal winter semester, Psychology 215 will also be offered by cassette correspondence. See term supplement for details. It is recommended that you take Psych 115 before Psych 215. Under very special circumstances, the department chairman may give you permission to take Psych 215 before Psych 115 or to take both concurrently.

Psychology 218 (3)

EARLY CHILD DEVELOPMENT II

This course looks at various aspects of early child development, such as physical development, perceptual development, cognitive development, and social-emotional development. It also deals with contemporary issues in early child development. This course is oriented to the needs of students in the Early Childhood Education Program.

Prerequisite: Psych 118.

3:1:0

Psychology 318 (3)

PSYCHOLOGY OF THE EXCEPTIONAL CHILD

This course examines the antecedents, consequences and educational challenge of the preschool child with unusual needs and capabilities. Material will include both general and specific conditions and characteristics which make a child different, or in need of special consideration. Emphasis will be placed on observing, understanding, and promoting the psychological and educational welfare of these children. This course is oriented to the requirements of the Early Childhood Education Program.

Prerequisites: Psych 118, 218, or their equivalent.

3:1:0

Psychology 320 (3)

INTRODUCTION TO RESEARCH METHODS

A combined lecture-laboratory course dealing with the theory of research design of experiments, the application of statistics to laboratory exercises, and the testing of experimental hypotheses. May not be offered in the summer semester.

Prerequisites: Psych 115, 215.

4:0:0

Psychology 322 (3)

SOCIAL PSYCHOLOGY

An examination of the effects of social influences on individual behavior. Includes the study of attitudes, social standards, conformity, leadership, prejudice, aggression, and other social factors.

Prerequisites: Psych 115, 215 or permission of the Department.

3:1:0

Psychology 323 (3)

PSYCHOLOGY OF ADJUSTMENT

A study of the ways in which individuals adjust to the demands of life. An examination of the nature and sources of stress and responses to stress.

Prerequisites: Psych 115, 215 or permission of the Department.

3:1:0

Psychology 324 (3)

DEVELOPMENTAL PSYCHOLOGY

(Prenatal Period through Pre-school)

A study of the determinants of behaviour and the processes of growth and maturation during prenatal, infancy, and preschool periods. A discussion of physical, cognitive, social and emotional development.

Prerequisite: Psych 115 and 215.

3:1:0

Psychology 325 (3)

PSYCHOLOGY OF HUMAN DEVELOPMENT

A one semester course in human development from the prenatal period to death, including both theoretical and practical considerations. Suitable for the Recreation and Nursing programs and designed to give a basic understanding of the developmental processes at all age levels.

Prerequisite: Psych 117 or Psych 115, 215.

3:1:0

Psychology 326 (3)

PSYCHOLOGY OF DEVIANCE

An examination of deviant behaviour in its various forms with special emphasis on the relativity of the concept *deviance* and the differing criteria for deviance.

Prerequisites: Psych 115, 215.

3:1:0

May not be offered in the Summer semester.

Psychology 331 (3)

CORE CONCEPTS IN PSYCHOLOGY I

This course will deal with the basic findings and problems of research in the following Core areas of Psychology — sensation, learning, language, motivation, thinking and problem-solving, physiology. It will emphasize content but it will also provide an opportunity to engage in laboratory research.

Prerequisites: Psych. 115, 215.

2:0:2

May not be offered in the Summer semester.

Psychology 341 (3)

CORE CONCEPTS IN PSYCHOLOGY II

This course will deal with the basic findings and problems of research in the following Core areas of Psychology — perception, human memory and attention, artificial intelligence, creativity, motivation, and physiology. It will emphasize content but it will also provide an opportunity to engage in laboratory research.

Prerequisites: Psych. 115, 215.

2:0:2

May not be offered in the Summer semester.

NOTE: Students intending to major in Psychology at a University should take Psychology 320 and either Psychology 331 or Psychology 341 in any sequence.

Psychology 424 (3)

DEVELOPMENTAL PSYCHOLOGY (MIDDLE CHILDHOOD AND ADOLESCENCE)

This course is a continuation of Psychology 324. It is a study of the cognitive, emotional, and social development of the child during middle childhood and adolescence, and the factors influencing that development.

Prerequisite: Psych 324.

3:1:0

Psychology 425 (3)

DEVELOPMENTAL PSYCHOLOGY (ADULTHOOD AND AGING)

This course is a study of social, emotional, and cognitive development during the years of adulthood and aging. It will also deal with the psychological issues involved in such major life crises as death and dying.

Prerequisites: Psych 115 and 215 (or the equivalent)

3:1:0

Religious Studies (Rel St) Courses

Religious Studies 120 (3)

RELIGIONS OF THE EAST

An introduction to the study of religions, with emphasis on the origins, ideas, practices, and evolution of Hinduism, Buddhism (including Zen), Taoism, and Confucianism.

3:1:0

Religious Studies 220 (3)

RELIGIONS OF THE WEST

A study of the underlying historical and social factors in the growth of three major religions of the west: Judaism, Christianity, and Islam, a look at the varieties of religious experience and the place of religion in the changing culture of modern society.

3:1:0

Religious Studies 230 (3)

THE EVOLUTION OF EARLY CHRISTIAN THOUGHT AND SPIRITUALITY

An enquiry into the cultural roots of western Christian civilization focusing on its Jewish, Greek, Roman, and Persian antecedents and its evolution during the first four centuries of our era. Attention is given to present day issues such as biblical criticism as well as Third World political and economic factors challenging traditional beliefs.

3:1:0

Science Courses

Science 118 (3)

SCIENCE IN THE NEWS

A non-laboratory course designed for students who are not planning to specialize in science but who desire some understanding of what science is about. The content is centred upon current issues in the biological and physical sciences. Special effort is made to select topics of concern to the class.

3:1:0

Science 150 (3)

SCIENCE FOR TEACH ASSISTANTS I

This course is designed for students enrolled in the Teacher Assistant Program. It gives students practical experience in laboratory techniques and procedures in Biology, Chemistry, and Physics.

4:0:0

Science 250 (3)

SCIENCE FOR TEACHER ASSISTANTS II

This is a second course designed for students in the Teach Assistant

Program. It gives students practical experience in laboratory techniques and procedures as they are carried out in the secondary schools.

Prerequisite: Science 150.

4:0:0

Science 160 (3)

TECHNICAL SCIENCE

This course discusses the basic physics, chemistry and microbiology of foods and food products. The course deals with the problems involved in food sanitation for the producer and the consumer, and it studies in detail the microbial contamination of food by the environment and by the handler and the possible side effects on the consumer.

3:1:0

Science 195 (3)

This number is reserved for Science courses that may be offered from time to time by:

- a) College Science Faculty who may wish to present a course in their speciality which may be of limited interest; or
- b) Visiting Science Lecturers.

Announcements regarding Science 195 offerings will be made in the term schedule.

Prerequisites will be announced by special bulletin.

Science 295 (3)

A continuation of Science 195 for those special courses that may be too long to be accommodated within a single semester.

Announcements regarding Science 295 offerings will be made in the term schedule.

Prerequisties will be announced by special bulletin.

Science 360 (3)

PHOTOGRAPHIC SCIENCE

Selected topics from the sciences chosen with reference to their application to photography.

Prerequisite: Completion of two terms of the Photography Technician Program.

4:0:0

Sociology (Sociol) Courses

Sociology 120, 121, and 122 may be taken in any order or concurrently.

NOTE: In general, active student involvement in each course is expected. However, there are variations in each instructor's approach, so you should obtain the particular details from each instructor before or during registration.

Sociology 120 (3)

INTRODUCTION TO SOCIOLOGY

A basic course designed as an introduction to sociological study. Analyses of selected topics concerned with understanding society.

3:1:0

Sociology 121 (3)

INTRODUCTION TO SOCIOLOGY

A basic course designed as an introduction to all sociological study. Analyses of selected topics concerning the institutions and processes of Canadian Society. **3:1:0**

Sociology 122 (3)

SOCIOLOGY THROUGH LITERATURE

An analysis of modern sociology through selected illustrative materials from various literatures. Not offered every semester. **3:1:0**

Sociology 195 (3)

This number is reserved for Sociology courses that may be offered from time to time by:

- a) College Sociology Faculty who may wish to present a course in their specialty which may be of limited interest; or
- b) Visiting Sociology Lecturers.

Announcements regarding Sociology 195 offerings will be made in the term schedules.

Prerequisites will be announced by special bulletin.

Sociology 200 (3)

SOCIOLOGY THEORY

An introduction to sociological theory, focusing on the key and persistent issues of the discipline. The course will consider such problems as social order versus social change, objectivity versus subjectivity, individualism versus holism, values versus facts, and other issues and will examine the major thinkers and schools of thought in sociology in the light of what they said on these issues. This course will also be concerned with the role of theory, facts, explanations, verstehen, and models in sociological inquiry.

Prerequisites: Any two of the following courses: Anthro 120, Sociol 120, Sociol 121, or Sociol 122; or consent of the Department. **3:1:0**

Sociology 205 (3)

SOCIOLOGY OF DEVIANCE

An examination of sociological theories of deviance, focusing on contemporary issues such as crime, juvenile delinquency, drug addiction, alcoholism, prostitution, and mental illness. The institutional and informal systems of social control will be examined. May not be offered every semester.

Prerequisites: Any two of the following courses: Anthro 120, Sociol 120, Sociol 121; or consent of the Department. **3:1:0**

Sociology 222 (3)

SOCIAL CHANGE

An investigation of the sociological problems, theories, and ideas concerned with understanding and explaining social change. Various factors

influencing social change will be examined. May not be offered every semester.

Prerequisites: Any two of the following courses: Anthro 120, Sociol 120, Sociol 121; or consent of the Department. **3:1:0**

Sociology 223 (3)

INDUSTRIALIZATION

The process of industrialization, the work force, the scale of society, consensus in society, and world-wide industrialization. May not be offered during Summer semester.

Prerequisite: Any two of the following courses: Anthro 120, Sociol 120, Sociol 121; or consent of the Department. **3:1:0**

Sociology 250 (3)

THE SOCIOLOGY OF THE FAMILY

A sociological analysis of the family including sex roles, children's rights, adoption and identity, marriage, divorce, socialization, and change in both historical communities and modern industrial societies.

Prerequisites: Any two of the following courses: Anthro 120, Sociol 120, Sociol 121; or consent of the Department. **3:1:0**

Spanish (Span) Courses

Spanish 115 (3) and Spanish 215 (3)

BASIC SPANISH

Beginners' courses in oral and written language; a prerequisite to the concentrated study of Spanish. Introductory courses for students who have no previous knowledge of Spanish.

Prerequisite for Span 115: none.

Prerequisite for Span 215: Span 115. **3:0:1**

Spanish 119 (3) and Spanish 219 (3)

INTERMEDIATE SPANISH

Oral and written practice including composition and grammar review; the reading of selected contemporary authors in the Spanish language.

Prerequisite for Spanish 119: Span 215, or equivalent, or permission of the Department.

Prerequisite for Span 219: Span 119. **3:0:1**

Spanish 301 (3) and Spanish 401 (3)

CONVERSATION, COMPOSITION, AND READING

An intermediate course including conversation, composition, translation, and reading in the Spanish language. This course may be taken concurrently with Spanish 119/219.

Prerequisites: Spanish 12 or Spanish 215 or equivalent or permission of the Department. **4:0:0**

Statistics Courses — See Mathematics Courses page 130

Teacher Assistant Program — See page 79

Women's Studies (W S) Courses

Women's Studies 116 (3)

PERSPECTIVE ON WOMEN

An interdisciplinary study of the position of women in society. It will discuss the situation of women from the viewpoints of sociology, psychology, history, and literature. **3:1:0**

Women's Studies 195 (3)

This number is reserved for Women's Studies courses that may be offered from time to time by:

- a) College Women's Studies Faculty who may wish to present a course in their speciality which may be of limited interest; or
- b) Visiting Women's Studies Lecturers.

Announcement regarding Women's Studies 195 offerings will be made in term schedules. Prerequisites will be announced by special bulletin.

Women's Studies 216 (3)

FURTHER PERSPECTIVES ON WOMEN

This course enables students to explore the situation of women in greater depth, from the perspectives of history, literature, psychology, and sociology. Students will participate in workshops.

No prerequisite required. **3:1:0**

SCHOLARSHIPS, BURSARIES & AWARDS

FINANCIAL AID THROUGH . . .

The British Columbia Student Financial Assistance Program

The following describes the basic elements of the program as they existed in the 1980/81 educational year (subject to revisions for the 1981/82 year). Students studying in British Columbia should obtain and submit their applications to the post-secondary institution they will attend.

I. Program

A comprehensive program of assistance for post-secondary students has been introduced by the Ministry of Education to ensure British Columbia residents are not denied the opportunity reach their educational objectives due to financial barriers.

The purpose of the British Columbia Assistance Program is to *assist* students whose resources are insufficient to provide for the cost of *full-time studies* at the post-secondary level of education. Funds under the program are therefore awarded *only* where the financial resources available to students from parents, summer work, or other sources are insufficient to meet their estimated educational costs.

The funds awarded under this program will normally be disbursed through a combination of funds drawn from the Provincial Grant Fund and the Federal Canada Student Loan Plan. A detailed booklet describing the program in full will be available at the Financial Aid Office.

II. Eligibility

To be eligible for the program, applicants must be Canadian citizens or landed immigrants having resided in Canada for 12 months prior to the commencement of the term. Funds will be provided to eligible students undertaking a minimum of nine credit hours of courses or 60 percent of a full program of study leading to a certificate, diploma, or first degree. The amount of assistance awarded will be based on Assessed Need as determined by the Provincial Authority.

III. Canada Student Loan

Students should note the "Summary of Obligations" on the reverse side of the Loan certificate prior to negotiating the Loan.

Interest on your Loan is paid by the Federal Government as long as the student is registered as a full-time student and for six months thereafter. The interest rates may be discussed with the lending institution (bank, credit union, etc.) since rates vary from year to year.

The Financial Aid Advisor or her delegate has the right to confirm class attendance with instructors, and, if necessary, advise the Ministry of Education and your lending institution of non-attendance. This can result in your loan/grant privileges being terminated. Further information available by contacting Financial Aid.

Students who have previously received Canada Student Loans, but who do not negotiate one for their immediate period of study, should submit a Schedule 2 to their lending institution in order to retain interest free status. This form must be obtained from the lending institution. For further details, contact the Financial Aid Advisor in the Student Services Centre.

NOTE: Applications *must* be submitted by July 1st if funds are required at the commencement of the Fall Term, by November 15th for the Spring Term and March 15th for the Summer Term.

V.C.C., LANGARA CAMPUS AWARDS

The following awards are adjudicated within Langara.

DEFINITIONS:

Scholarship

A scholarship is a cash payment, non-repayable, which is made to students in recognition of outstanding academic achievement. Scholarships are competitive, and some have additional requirements such as registration in a particular program or a particular level of studies, community and school involvement.

Bursary

A bursary is a non-repayable award which is made to students proving financial need and holding a satisfactory academic record.

Award

An award is a non-repayable gift which is made to students proving both financial need, above average grades and community and school involvement.

SEPERATE APPLICATIONS ARE REQUIRED FOR SCHOLARSHIPS, BURSARIES AND AWARDS. All applications are available at the Reception Desk in the Counselling Department. Submit completed forms to the Awards Office with a copy of your latest transcript of grades during the first month of classes, unless otherwise specified.

*NOTE: Failure to complete the applications correctly or submit a transcript will result in your request being denied.

*THEREFORE: Please read carefully and answer all questions.

THE ALPHA PROVINCE OF DELTA KAPPA GAMMA SOCIETY provides a \$100.00 bursary annually for a needy female student enrolled in a program at Langara leading to a profession in teaching or a career associated with education. Apply in fall or spring.

THE B.C. ASSOCIATION OF THE APPRAISAL INSTITUTE OF CANADA has established a \$200.00 scholarship to be awarded annually to an outstanding student in the fourth term of the Realty Appraisal Program at Langara. The scholarship is provided to recognize academic achievement and to encourage students to pursue careers in Realty Appraisal. The recipient will be selected at the end of the fourth term by the instructors of the Realty Appraisal Program. Apply in the spring. Presented in the summer.

THE APPRAISAL INSTITUTE OF CANADA, VANCOUVER CHAPTER has established a \$200.00 scholarship to be awarded annually to an outstanding first year Realty Appraisal student. The scholarship is provided to recognize outstanding achievement during the first year and to encourage students to pursue careers in the Appraisal field. The recipients are selected at the end of the second term by the Realty Appraisal Faculty. Presented in the summer. Apply in the spring.

THE B.C. TELEPHONE COMPANY offers two \$200.00 awards to students

who have completed at least one academic year of study at V.C.C., Langara Campus. Open to students in any program. Apply in the spring.

THE BEHNSEN AWARD. A special award for students enrolled in the Fine Arts Program at Langara Campus is provided annually by Behnsen Graphic Supplies Ltd. A \$50.00 gift certificate and an artist tote bag will be awarded on the basis of demonstrated achievement in the field of Fine Arts. The \$50.00 gift certificate will enable the student to purchase art supplies from Behnsens. The winner will be selected in the Spring Term upon recommendation of the Fine Arts Faculty. No application necessary.

THE BIRKS FAMILY FOUNDATION BURSARY. The Birks Family Foundation has established a bursary fund from which bursaries may be awarded by the College to needy and deserving students attending V.C.C., Langara Campus. Apply in any term.

BRITISH COLUMBIA FOREST PRODUCTS LIMITED ENTRANCE SCHOLARSHIP of \$250.00 is annually offered to a legal dependent of an employee of the company who, by June 30th of the year in which the awards are made, have or will have served with the company for at least one year. It is open to students proceeding in the fall from Grade XII to a full program of studies at V.C.C., Langara Campus. The scholarship will be awarded to the candidate with the highest record of scholastic achievement in their final two years of high school. No award will be made, however, to an applicant with an overall average of less than 70 percent. Applicants must give the necessary details of service with the company in their application. A private scholarship application form is available from the receptionist in the Counselling Department and must be submitted together with high school transcripts to the Financial Aid Office. Application deadline: September 1st.

THE BRITISH COLUMBIA LUNG ASSOCIATION — THE CHRISTMAS SEAL PEOPLE awards a \$500.00 bursary to a student entering Second Year (Fourth, Fifth or Sixth Semester) Nursing at V.C.C., Langara Campus in the Fall Term. Application must be submitted together with a transcript of marks no later than September 30th.

THE CANADIAN INFORMATION PROCESSING SOCIETY offers an award of \$65.00 to an outstanding Second Year Data Processing student. Selection will be based on Academic excellence, participation in community and school activities and participation in computing activities and organizations. Applications are available from the Financial Aid Office. Apply in the spring.

THE CERTIFIED GENERAL ACCOUNTANTS' ASSOCIATION OF BRITISH COLUMBIA — CONTINUING EDUCATION TUITION SCHOLARSHIP annually offers two Continuing Education Scholarships to each B.C. community college, B.C.I.T., the University of B.C., Simon Fraser University and the University of Victoria. The Scholarships are equivalent in value to the student's First Year's tuition on the C.G.A. program (approximately \$550) and are awarded by the appropriate educational institution to students completing a two-year accounting/business program or commerce degree. Students who intend to continue their education with the C.G.A. program should make formal application to their present institu-

tion. The Scholarships are tenable only with The Certified General Accountants' Association of B.C. and will be in the form of a credit toward tuition fees for the academic year following the award. Apply in the spring. Presented in the summer.

THE C.P. AIR MEN'S ATHLETIC SCHOLARSHIP of \$250.00 shall be awarded to a V.C.C., Langara Campus team member in one of the following sports: basketball, soccer, rugby, volleyball, or badminton. To be eligible, the team member must be enrolled in a minimum of five college level courses at Langara Campus and attain a minimum "C" grade average. The recipient will be chosen by the Faculty. No application is necessary.

THE CRAFTSMEN'S ASSOCIATION OF BRITISH COLUMBIA offers a \$50.00 award to an outstanding second year student enrolled in the Fine Arts Program at V.C.C., Langara Campus. The award will be made upon recommendation of the Fine Arts Department in the Spring Term. No application necessary.

CREDIT UNION FOUNDATION OF BRITISH COLUMBIA BURSARY. The Credit Union Foundation of British Columbia has donated a bursary in the amount of \$125.00 for a student at V.C.C., Langara Campus. It is the desire of the Foundation that the bursary be awarded to a Canadian who, without assistance, might otherwise have difficulty completing his or her studies by reason of financial hardship. The recipient must be a B.C. resident, enrolled in a minimum of nine credit hours at Langara Campus. Apply in any Term.

D. J. HUNDEN BURSARY. A bursary of \$50.00 is provided by Mr. and Mrs. D. J. Hunden to a student attending V.C.C., Langara Campus. Eligibility will be based on financial need and satisfactory academic achievement. Apply in any Term.

DATA PROCESSING MANAGEMENT ASSOCIATION annually provides two \$100.00 scholarships for students entering their third term in the Data Processing Program at V.C.C., Langara Campus. Awards are based upon academic achievement and promise demonstrated in the field of Data Processing. Apply in the Fall Term.

DUTHIE AWARD. Two annual awards in the form of a gift certificate are provided by Duthie Books Ltd. to V.C.C., Langara Campus students with good academic standing and demonstrated financial need. One will be awarded in the spring to a student in the Fine Arts Program. The other will be awarded in the summer semester and no restriction will be placed on the type of program for the recipient. No application necessary for spring award. Apply in May for summer award.

THE INSTITUTE OF ACCREDITED PUBLIC ACCOUNTANTS OF BRITISH COLUMBIA offers, as a scholarship, three *free* student memberships in the Institute of Accredited Public Accountants for a period of one year. The awards are available to graduates of the first year Business Administration program at V.C.C., Langara Campus who show interest and promise in an accounting related career. The selection of candidates will be made after the Spring Semester by the Business Administration Faculty. Applications are available from the receptionist in the Counselling

Department and must be submitted with a transcript of marks no later than April 30th.

INSURANCE INSTITUTE OF BRITISH COLUMBIA. A scholarship of \$200.00 is provided by the Insurance Institute of B.C. for students entering a second year Business Administration Program at Langara Campus. The scholarship will be awarded on the basis of marks achieved during the First Year. Apply in the Fall Term.

THE J. D. GRAY AWARD FOR EXCELLENCE IN THE DISCIPLINE OF GEOGRAPHY. An annual award has been donated to perpetuate the name of the Gray family of Keith, Banffshire, Scotland whose tradition of quiet service to others has helped make the world a better place for many. The award is open to students who have completed or are in the process of completing at least three Geography courses at Langara Campus, and who intend to continue studies in Geography. Applications are available from the Financial Aid Office and must be submitted with a transcript of marks no later than March 31st. Presented in the summer.

KELLY, DOUGLAS & COMPANY LIMITED. Two scholarships of \$100.00 each, provided by Kelly, Douglas & Company Limited, are awarded annually to Langara Campus students, enrolled in the Food Services Technician Program. One scholarship each will be available to the first and second year classes. Awards will be made upon the recommendation of the instructors. Apply in the spring term.

LAMBERT POTTERIES PURCHASE AWARD. Two purchase awards of \$50.00 each are available to a first and second year Langara Campus student excelling in the field of ceramics. The purchased ceramics become a part of the collection on permanent display at V.C.C., Langara Campus. The awards will be made upon recommendation of the Fine Arts Department in the Spring Term. No application necessary.

THE LILY MUNRO BURSARY of \$100.00 is given annually, in her memory, by Chapter C of the P.E.O. Sisterhood to a needy and deserving Native Indian mature female student attending V.C.C., Langara Campus, on a full-time basis. The award will be available in June and applications must be made to the Financial Aid Office. Apply in the spring.

3M INCORPORATED AWARDS. Two \$500.00 awards are available to students in the second year of the following programs: Data Processing, Finance and Investment and Marketing and Sales. Recipients selected on the basis of financial need, academic standing and community involvement. Apply in the fall term.

SAM NELSON MEMORIAL BURSARY. Bursaries in varying amounts available to Native Indian students enrolled in any program at V.C.C., Langara Campus. Students must have completed at least one semester of studies at Langara, have a "C" grade average and demonstrated financial need. Applications available from the receptionist in the Counselling Department. Apply in any term.

PEPSI-COLA offers an annual scholarship of \$250.00. The scholarship shall be designated for a member of the V.C.C., Langara Campus Falcons Basketball Team. To be eligible, the team member must be enrolled in a minimum of five college level courses at Langara Campus and attain

a minimum "C" grade average. The recipient will be chosen by the Faculty. No application is necessary.

PETER R. KELLER MEMORIAL SCHOLARSHIP. A \$75.00 scholarship has been established to honor the memory of Mr. Peter R. Keller a former Vancouver Community College student. The award will be available to a student entering the second year of the Library Technician program at Langara Campus and will be based on academic achievement in the first year. Application forms are available from the receptionist in the Counselling Department and must be submitted together with a transcript of marks. Apply in the fall term.

POND'S UNIVERSITY FOOD SERVICES LIMITED provides a \$50.00 scholarship each spring and summer semester, awarded on the basis of academic achievement during the previous term. To be eligible, a student must have been enrolled in a full course load of studies in the previous term, and be enrolled in a full course load in the present term. Applications should be submitted with copies of transcripts during January for the spring award and May for the summer award.

RICH-COLOR PRINTS LIMITED provides an annual award to a student in first year of the Photography Technician Program at Langara Campus. Applicants must have a minimum "C" grade average and demonstrated financial need. Application forms are available from the Financial Aid Office and must be returned together with a transcript of marks. Apply in the spring.

SOCIAL SERVICES EMPLOYEES UNION LOCAL #3 MEMORIAL BURSARY. Established to assist students enrolled in Early Childhood Education and Welfare Aide. Eligibility will be based on demonstrated financial need and satisfactory academic achievement. Apply to Financial Aid Office during any term.

THE THOMAS BROOKS MEMORIAL BURSARIES. Bursaries to a total of \$500.00 gift of the Vancouver Presidents' Council of the P.E.O. Sisterhood, are available annually to a full-time student attending V.C.C., Langara Campus. The awards will be made to students with good scholastic standing who are in need of financial assistance. Apply in any term.

THOMPSON, BERWICK, PRATT AND PARTNERS provides an annual scholarship of \$100.00 to a student enrolled in the Fine Arts Program at Langara Campus. The award is made in the spring term on the recommendation of the Fine Arts Faculty, and is based upon academic achievement in the previous term and promise in the field of Fine Arts. No application necessary.

THE VANCOUVER BUSINESS AND PROFESSIONAL WOMEN'S CLUB provides financial assistance for one or two mature female students enrolled at V.C.C., Langara Campus. Apply in any term.

VANCOUVER CITY SAVINGS CREDIT UNION provides an annual bursary to a student commencing the final term in a Career Program. The award will be based on performance, achievement, and financial need. Preference will be given to applicants residing in the lower mainland. Applications available from the receptionist in the Counselling Department. Apply in the spring.

VANCOUVER FOUNDATION BURSARIES. Bursary funds are available from the Vancouver Foundation to assist undergraduate students who show sound academic achievement and promise, and who have financial need which cannot be satisfied entirely from other sources.

V.C.C., LANGARA CAMPUS has established two \$50.00 scholarships at the beginning of each term to be awarded to students with outstanding academic achievement. Based on prior grades and community and school involvement. Applications available from the receptionist in the Counselling Department. Apply fall, spring and summer.

V.C.C., LANGARA CAMPUS NATIVE INDIAN STUDENT ASSOCIATION AWARD. Two \$250.00 awards have been made available through the efforts of the Langara Native Student Association (1973-76) to honour all Native Indian Students who have pursued higher education at V.C.C., Langara Campus and have either completed a career program or gone on to obtain a degree(s).

*NOTE: One award restricted to V.C.C., Langara Campus students. One award open to students in any post secondary institute.

To qualify for these awards a student must have successfully completed at least two consecutive terms immediately prior to applying with a minimum of three courses per term at an established B.C. university or college. The awards are open to both status and non-status Indian Students; and will be based on academic achievement, (presently enrolled in four or more courses with a "C" grade average or better), demonstrated financial need and past involvement with Indian organizations. Apply in the spring.

THE VANCOUVER GUILD OF FABRIC ARTS provides two Book Awards to honour two outstanding students in the Fine Arts Program at Langara Campus. The recipients will be chosen by the Fine Arts Faculty and the awards will be presented during the spring semester. No application necessary.

THE VANCOUVER MUNICIPAL AND REGIONAL EMPLOYEES' UNION. A bursary of \$300.00 is available annually to members of the Union, or to the sons, daughters, or legal dependents of members who, at the time of application, are current members in the Union and have held membership in the Union for the past two years. The award will be made by the V.C.C., Langara Campus, in consultation with the Union, to a qualified applicant who is beginning or continuing full time enrolment at V.C.C., Langara Campus. The award is based on financial need and academic standing in previous studies. For further information contact the Financial Aid Advisor at V.C.C., Langara Campus.

THE VANCOUVER PARENT-TEACHER COUNCIL annually offers a \$100.00 scholarship to a student graduating from a Vancouver Secondary School, who will be enrolling at V.C.C., Langara Campus, in the first term of a full time post-secondary program. Application forms are available from Vancouver Secondary principals in May of each year. Submit completed forms to the Financial Aid Office at Langara Campus.

THE ELVA WILSON SCHOLARSHIP of \$200.00 will be awarded each year to a student who has completed at least two history courses at

V.C.C., Langara Campus, and who shows interest in continuing studies in history in a university. The award will be presented in May each year on the recommendation of the History Instructors. Apply in the Spring Term.

THE FACULTY ASSOCIATION OF V.C.C., LANGARA CAMPUS, provides a limited number of bursaries to deserving students with demonstrated financial need. Apply in any term.

THE FACULTY ASSOCIATION OF V.C.C., LANGARA CAMPUS, offers two \$200.00 scholarships at the beginning of each term to Langara Campus students with outstanding academic achievement. Applications should be submitted with copies of transcripts during the first month of each term.

THE FACULTY ASSOCIATION OF V.C.C., LANGARA CAMPUS, has established a scholarship to be awarded annually to a student who has completed at least two of the Canadian Studies courses, is enrolled in the Canadian Studies Workshop, and who intends to complete at least four more Canadian Studies courses. The correct basis of the award will be financial need and academic standing during the first year. Applications with transcripts should be submitted to the Financial Aid Office during September.

FAIREY AND COMPANY LIMITED offer two \$50.00 cash awards to a first and second year Fine Arts student who shows promise and interest in the art of sculpture. Awards made upon the recommendation of the Fine Arts Department. No application necessary.

H. A. SIMONS (INTERNATIONAL) LIMITED AWARDS. To provide assistance for needy students at Langara Campus who are undertaking full time post-secondary Science programs. Students with good scholastic standing in Chemistry, Physics and Mathematics, and who need financial assistance to continue their studies, are eligible for consideration. Apply in any term.

I.B.M. CANADA LTD. DATA PROCESSING SCHOLARSHIP. I.B.M. Canada Ltd., Data Processing Division has established a \$300.00 scholarship to be awarded annually to an outstanding student in the second year of the Data Processing Program at Langara Campus. The scholarship is provided to recognize academic achievement and to encourage students to pursue careers in the challenging and rewarding field of Data Processing. The recipient will be selected in the second year. Apply in the spring.

I.O.D.E. BURSARY FUND. Financial assistance is provided annually by the various chapters of the I.O.D.E. to needy and deserving students attending V.C.C., Langara Campus. Awards will be made on the basis of demonstrated financial need. Amounts may vary from year to year. Apply in any term.

Anna E. Sprott Chapter ●
 Jessie F. Gordon Chapter ●
 Kerrisdale Chapter ●
 Kokanee Chapter ●
 Lady May Cambridge Chapter ●

THE VERNA KNOX BURSARY donated by THE ALTRUSA CLUB OF VANCOUVER provides \$100.00 annually to assist needy and deserving

female students. Eligibility will be based on demonstrated financial need and satisfactory academic achievement in a minimum of five courses. Apply in any term.

VICTOR PAVAMANI MEMORIAL BURSARY. In order to perpetuate the beliefs and works of the late Dr. Victor Pavamani, the Langara Campus Student Society has established a bursary in his honour. The bursary will be open to students who have completed at least one semester at V.C.C. and who have completed at least one psychology course. Apply in any term.

WILLIAM GEORGE SLATER MEMORIAL SCHOLARSHIP. Ocean Construction Supplies Limited has established an annual scholarship of \$500.00 to honour the memory of William G. Slater, a former employee and former student of V.C.C. The scholarship is awarded annually to a full-time student at V.C.C., Langara Campus, who in the opinion of the selection committee, is best qualified in terms of academic merit, combined with interest and participation in school or community affairs, and who is proceeding to further studies in any field. Transcripts, together with application forms should be submitted to the Financial Aid Office during January and not later than January 30th.

WILLIAM V. FALCUS AND ASSOCIATES provide a \$100.00 scholarship to a graduating Realty Appraisal student. The award will be made to a student with good scholastic standing, and who in the opinion of the instructors has made a major contribution to the class by displaying a cooperative, understanding, and helpful attitude toward his or her peers. Selection is made in the spring term by the Realty Appraisal Faculty. Apply in the spring.

XEROX OF CANADA LIMITED FELLOWSHIP AWARDS. Two awards of \$125.00 each are provided each year by Xerox of Canada Ltd. to students entering the second year of a Business Administration Program at Langara Campus, i.e. Realty Appraisal, Finance and Investment, Accounting, Data Processing, Marketing and Sales. The awards will be made to students on the basis of academic achievement and management potential. Consideration will also be given to the financial circumstances of those who are eligible. Application forms may be obtained at the Student Services Centre and should be submitted together with transcripts to the Financial Aid Office during the month of September only.

AWARDS FOR JOURNALISM STUDENTS

No Applications Necessary.

BRITISH COLUMBIA AND YUKON COMMUNITY NEWSPAPERS' ASSOCIATION offers two annual awards of \$100.00 each to top Langara Journalism students. Winners will be adjudicated by the Journalism Faculty.

VANCOUVER-NEW WESTMINSTER NEWSPAPER GUILD offers two scholarships of \$100.00 each to students in the Langara Journalism Program at the end of the fall semester. Adjudicated by the Journalism Faculty.

VICTORIA PRESS GALLERY SCHOLARSHIP. \$150.00 and a Perpetual Trophy is awarded to the Journalism student making the greatest contribution to the *Savant* newspaper. Judged by newspaper staff.

JOURNALISM ALUMNI FUND supplied by former Journalism graduates, now working in the media, provides a small loan fund for needy Journalism students. Applications from enrolled students only, may be filed through the Senior Journalism Instructor.

EXTERNAL AWARDS

The following awards are available, but are not administered by the College. Application procedures are detailed in the award description.

BRITISH COLUMBIA ASSOCIATION FOR THE MENTALLY RETARDED BURSARIES. Bursaries in various amounts are offered by the British Columbia Association for the Mentally Retarded to students in education, medicine, nursing, psychology, and social work in graduate or undergraduate programs who:

- a) are undertaking a full year, part-time or summer school course at a recognized University or College; and
- b) intend to pursue studies related to Mental Retardation.

Awards will be made on the basis of combined academic standing and need. Closing dates for submission of application forms are July 15th and December 15th. Forms of application may be obtained from: British Columbia Association of the Mentally Retarded, Room 221, 199 West Pender Street, Vancouver, British Columbia.

BRITISH COLUMBIA ATHLETIC AWARDS. Fifteen British Columbia Athletic Awards, valued at \$750.00 each, are awarded annually to British Columbia students who show evidence of:

- 1) Athletic ability and performance;
- 2) Leadership and character;
- 3) Scholastic achievement (a minimum average of C+ or equivalent is mandatory in order for application to be considered);
- 4) Being enrolled full time and completed full time credits (12 units/year or 24 semester hours) at a post-secondary educational institution in British Columbia;
- 5) Having completed full time credits with a minimum of C+ average or equivalent.

All student athletes, resident in British Columbia who attend a designated British Columbia college are eligible. And, all British Columbia university student athletes, resident in British Columbia at least three years who compete in those sports not included in the University Sports Awards Program are eligible. That is, university athletes competing in the following sports are ineligible: basketball (men and women), cross-country (men and women), diving (men and women), field hockey (women), football (men), golf (men), gymnastics (men and women), ice hockey (men), rowing (men and women), sailing (men and women), skiing (men and women), soccer (men), swimming (men and women), track and field (men and women), volleyball (men and women) and wrestling (men).

All applications should be obtained from and should be addressed to Mr. Roger Skillings, Athlete Assistance Co-ordinator, Sports and Fitness Division, Recreation and Fitness Branch, Ministry of Provincial Secretary and Government Services, Legislative Buildings, Victoria, British Columbia, V8V 1X4.

B.C. CULTURAL FUND. A number of scholarships are available annually in order to assist in the fine arts education and to stimulate advanced studies and professionalism in talented and dedicated British Columbians.

- A) Junior Scholarships — to a maximum of \$250.00 each
— are tenable for a maximum of four years (upon reapplication each year) or full-time study, up to and including second year of university and/or community college fine arts program.
— preference is given to students attending fine arts schools and academies in British Columbia or other Canadian provinces.
- B) Senior Scholarships — to a maximum of \$1,000.00 each
— are tenable for a maximum of two years (upon reapplication each year) or full-time study at the third-fourth year level of a university degree program, or for two years of full-time, professional non-degree training at a recognized post-secondary institution.
— the student must be majoring in his/her program and of first class ability and standing.
- C) Fellowships — 10 at \$2,500.00 each
— tenable for a maximum of two years (upon reapplication each year) and awarded through a competitive process, for specialized, advanced performance or professional training at the beginning of a professional career.
— students in post-graduate academic fine arts studies are not eligible.

Further information and application forms for the above three awards may be obtained by writing to the B.C. Cultural Fund, Ministry of Recreation and Conservation, Parliament Buildings, Victoria, B.C., V8W 1K7.

THE BRITISH COLUMBIA HOTELS ASSOCIATION SCHOLARSHIPS. Six scholarships of \$300.00 each, the gift of the British Columbia Hotels Association, are offered to students who are residents of British Columbia and who are beginning or continuing studies in the second, third, or higher year of University work. Selection of the winners will be made by the University on the basis of scholastic standing, personal qualities, and interest and participation in student and community affairs. In making the awards, financial circumstances of the candidates may also be considered. Further information and an application may be obtained from the University Awards Committee, Room 50, General Services Administration Building, U.B.C., Vancouver, B.C. V6T 1W5. Application deadline: July 1.

THE B.C. INDIAN ARTS SOCIETY MEMORIAL BURSARY. Two bursaries of \$150.00 each will be awarded annually by the B.C. Indian Arts Society in memory of those Indian Canadians who gave their lives in either World War. Native Indians or non-status Indian applicants must be from the province of British Columbia and must be planning to enter one of the established universities or colleges in British Columbia, or some recog-

nized technical school or other training centre. The awards will be made by the Executive Committee of the B.C. Indian Arts Society. If no application is received from a student entering the first year of university, then the bursary may be awarded to a student enrolled in any of the senior years. The application must be received by August 15th. Letter of application may be directed to: The Honorary Secretary, B.C. Indian Arts Society, c/o Provincial Museum, Victoria, B.C.

CAL CALLAHAN MEMORIAL BURSARY. A bursary, or bursaries, not exceeding \$2,000.00 in total, will be awarded annually by the Pipe Line Contractors Association of Canada to a son, daughter or legal ward of persons who derive their principal income from pipeline construction. To qualify, the parent or guardian of the applicant must be employed by or have a history of employment with an association member firm. The applicant must be enrolled in first year studies at any recognized Canadian university or college in a program leading to a degree or certificate in any field.

Applications may be obtained from the association's executive office, Suite 203, 698 Seymour Street, Vancouver, B.C., V6B 2K6 and must be accompanied by transcripts of high school record and evidence of university or college enrolment. Closing date for applications: September 30th.

CHEVRON CANADA LIMITED — SPECIAL SCHOLARSHIP. Chevron Canada Ltd. offers a scholarship worth \$3,000.00 to children or wards of employees or annuitants of Chevron Canada Ltd., or of deceased employees who died while in the employ of the Company or any annuitants of the Company, and who have or had not less than one year of service with the Company. It will be open in competition to students proceeding to studies in the first year at an approved university or regional college in B.C. Candidates must write the scholarship examinations for High School Graduation (Academic or Technical) conducted in January and June by the Ministry of Education, Victoria, B.C. The scholarship will normally be awarded to the eligible applicant obtaining highest standing in these examinations, but grades obtained in other subjects taken during the year may also be considered. Should this applicant win another award, however, the scholarship may be given, at the discretion of the Selection Committee, to the eligible candidate with the next highest standing. No award will be made to a candidate with an overall average of less than 70%. In the case of a tie, the decision will rest with the Selection Committee. The winner of this award will receive \$750.00 during the first year of attendance and is eligible for renewals of \$750.00 a year for three further years. Each renewal is subject to maintenance of standing satisfactory to the Selection Committee. Further information and an application may be obtained from the University Awards Committee, Room 50, General Services Administration Building, U.B.C., Vancouver, B.C., V6T 1W5. Application deadline: July 1st. You must give essential details of family employment with the Company. Be careful not to confuse this scholarship with Chevron Canada Ltd. Entrance Scholarships.

CHILDREN OF WAR DEAD (EDUCATION ASSISTANCE) ACT. Under the Education Assistance Act, eligible students are assisted by the payment of tuition and associated fees, not exceeding \$800.00 in an academic year,

and by the payment of a monthly benefit which is presently \$61.14 for those under 21 years of age. The rate is \$237.75 for those over 21 years of age. Basic eligibility is established under the Pension Act when a pension, or pension status, is awarded to the dependents of a deceased veteran or deceased regular Armed Forces member, where such death is attributable to their service. The criteria for receiving such assistance are that the student must normally have completed secondary school and be entering a post-secondary training institution, and should normally do so within 15 months of secondary school graduation. For complete information, and application forms contact: Education Assistance Officer, 1155 Robson Street, Vancouver, B.C., V6E 1B9.

COMINCO HIGHER EDUCATION (ENTRANCE) AWARDS. Cominco Ltd. offer annually, two classifications of one-year awards to children of employees who, on the completion of their secondary school, register in an institution of higher education. Class I awards in the amount of \$500.00 will be made to all students, sons or daughters of employees, who obtain 86% or better standing in their senior secondary leaving course. Class II awards in the amount of \$350.00 will be made to all student sons and daughters of employees who obtain an average in the 73% to 86% range. Further information and application forms are available from the Secretary, Scholarship and Education Committee, Cominco Ltd., Trail, B.C. Application deadline: September 1st.

THE FAIRBRIDGE SOCIETY BURSARIES. A number of bursaries up to approximately \$500.00 each, are offered each year to children of former members of the Prince of Wales Fairbridge School, Duncan, B.C. The bursaries are available to students pursuing a full-time course of post-secondary studies at a recognized institution of learning. Applications should be directed to: The Secretary/Treasurer, Old Fairbridgian's Association, c/o Hood, Joe & Chong, 166 East Pender Street, Vancouver, B.C.

FEDERAL GOVERNMENT EDUCATIONAL GRANTS FOR ATHLETES. Awards of \$1,200.00 each are available to students with outstanding athletic achievements. The need factor will be given consideration where known. Enquiries should be made in early spring to the Financial Aid Officer at the Student Services Centre. Application deadline: March 2nd.

THE GRAND LODGE MASONIC BURSARIES. The Grand Lodge of Ancient Free and Accepted Masons of British Columbia annually offers bursaries in the range of \$200.00 to \$600.00 each with preference to the sons, daughters and legal wards of active member of Masonic Lodges in British Columbia or of deceased members who at the time of their death were active members of those Lodges. The purpose of these bursaries is to give assistance to students who, without financial aid, would find it impossible or difficult to continue their education at the post-secondary level. Selection of winners will be made by the University in conjunction with the Board of Trustees from applicants with satisfactory academic standing who are beginning or continuing undergraduate studies at any British Columbia university, the B.C. Institute of Technology, or a British Columbia regional college, leading to a degree or certificate in any field. First preference will be given to applicants entering the university or college from Grade XII and then to undergraduates in the further years of

studies. In order to be considered, a candidate must obtain from the University Awards Committee, University of B.C., a bursary application form. The completed application must be received by the University not later than July 1st. The application must be accompanied by a letter from the Secretary of the Lodge indicating the applicant's association with the lodge. Since a special committee considers applications for these bursaries, those who also wish to apply for other bursaries should submit a separate application form for them. Each application must be accompanied by a transcript of the student's academic record at the academic institution most recently attended. If the Grade XII record is not immediately available it must be forwarded at the first opportunity.

THE HELEN PITT FUND FOR FINE ARTS. This fund in aid of Fine Arts students was established by the late Mrs. Helen Pitt and is administered by the Vancouver Foundation. It was Mrs. Pitt's wish that the income of the fund be used to provide awards "to students in the Fine Arts, particularly painting, who show ability, talent, need and worthiness in these pursuits, and who wish to further their education and advancement in this field in British Columbia or elsewhere. In making selection, preference shall be given to students from and in the district surrounding the city of Vernon, B.C." Awards are limited to B.C. residents who are full-time students registered in fine arts at a recognized institution. Preference is given to undergraduates. Further information is available by writing to the Helen Pitt Fund for Fine Arts, Vancouver Foundation, 1199 West Pender Street, Vancouver, B.C.

HOCKEY CANADA SCHOLARSHIPS. Awards of \$2,000.00 annually are made to students of outstanding hockey ability. This scholarship program is intended to encourage young men in both the pursuit of post-secondary education and the development of proficiency in the game of hockey. Duration of each award will be four consecutive years or until a university degree or community college diploma is obtained, whichever is the sooner, and provided the student establishes continuing eligibility with respect to academic and hockey progress. These scholarships are open to candidates with outstanding hockey ability who are Canadian citizens or who have held landed immigrant status for at least one year and who have graduated or are about to graduate from a secondary school with satisfactory standing, or who are presently enrolled or have been enrolled in a post-secondary institution. Closing date for receipt of applications is April 30th. For further information and application forms, write: Director of Awards, Association of Universities and Colleges of Canada, 151 Slater Street, Ottawa, Ontario.

THE HOSPITAL EMPLOYEES' UNION (PROVINCIAL EXECUTIVE) BURSARIES. Bursaries totalling \$1,000.00 are offered by the Hospital Employees' Union Local 180 to students who are proceeding in the fall from Grade XII to a full program at the University of B.C., the University of Victoria, Simon Fraser University, or any of the regional colleges in British Columbia, in any field leading to a degree, or leading to a diploma in Technology at the B.C. Institute of Technology. To be eligible an applicant must be the son or daughter of an active member of the Union ("active" being interpreted as on the staff of a hospital within the jurisdiction of Local 180, or on the staff as of January 1st of the year of award

but since superannuated). The information given in the application form must clearly establish the applicant's connection with Local 180. The scholarships will be awarded to the students who, in the opinion of the University (in consultation with the Union), are best qualified in terms of financial need. Further information and an application may be obtained from the University Awards Committee, Room 50, General Services Administration Building, U.B.C., Vancouver, B.C., V6T 1W5. Application deadline: July 1st.

THE HOSPITAL EMPLOYEES' UNION (ROYAL JUBILEE UNIT) BURSARY. A bursary in the amount of \$350.00 is offered by the Royal Jubilee Unit, Victoria, of the Hospital Employees' Union, Local 180. The award is available to students who are proceeding in the fall from Grade XII to a full program at the University of B.C., the University of Victoria, Simon Fraser University, or any of the regional colleges in British Columbia, in any field leading to a degree, or leading to a diploma in technology at the B.C. Institute of Technology. To be eligible an applicant must be the son or daughter of an active member of the Union ("active" being interpreted as on the staff of a hospital within the jurisdiction of Local 180, or on the staff as of January 1st of the year of award but since superannuated). The information given on the application form must clearly establish the applicant's connection with Local 180. The bursary will be awarded to the candidate who in the opinion of the university (in consultation with the Union) is best qualified in terms of financial need. Further information and an application may be obtained from the University Awards Committee, Room 50, General Services Administration Building, U.B.C., Vancouver, B.C., V6T 1W5. Application deadline: July 1st.

THE HOSPITAL EMPLOYEES' UNION (VANCOUVER GENERAL UNIT) BURSARIES. Two bursaries of \$350.00 each are offered annually by the Vancouver General Unit of the Hospital Employees' Union Local 180 to students who are proceeding in the fall from Grade XII to a full program at the University of B.C., University of Victoria, Simon Fraser University, or any of the regional colleges in British Columbia, in any field leading to a degree, or leading to a diploma in technology at the B.C. Institute of Technology. To be eligible an applicant must be the son or daughter of an active member of the Union ("active" being interpreted as on the staff of a hospital within the jurisdiction of Local 180, or on the staff as of January 1st of the year of award but since superannuated). The information given in the application form must clearly establish the applicant's connection with Local 180. The bursaries will be awarded to the two candidates who, in the opinion of the University (in consultation with the Union), are best qualified in terms of financial need. Further information and an application may be obtained from the University Awards Committee, Room 50, General Services Administration Building, U.B.C., Vancouver, B.C., V6T 1W5. Application deadline: July 1st.

THE HOSPITAL EMPLOYEES' UNION (VICTORIA GENERAL UNIT) BURSARY. A bursary of \$350.00 is offered annually by the Victoria General Unit of the Hospital Employees' Union Local 180 to students who are proceeding in the fall from Grade XII to a full program at the University of B.C., University of Victoria, Simon Fraser University, or any of the regional colleges in British Columbia, in any field leading to a degree, or

leading to a diploma in technology at the B.C. Institute of Technology. To be eligible an applicant must be the son or daughter of an active member of the Union ("active" being interpreted as on the staff of a hospital within the jurisdiction of Local 180, or on the staff as of January 1st of the year of award but since superannuated). The information given in the application must clearly establish the applicant's connection with Local 180. The bursary will be awarded to the candidate who, in the opinion of the University (in consultation with the Union), is best qualified in terms of financial need. Further information and an application may be obtained from the University Awards Committee, Room 50, General Services Administration Building, U.B.C., Vancouver, B.C., V6T 1W5. Application deadline: July 1st.

IMPERIAL OIL HIGHER EDUCATION AWARDS. Imperial Oil Limited offers annually, free tuition and other compulsory fees to the children of employees and annuitants who proceed to higher education courses. Initial awards, or renewal of awards, are restricted to students under 25 years of age on the first day of the month of registration for any undergraduate academic year.

To qualify, a student must attain an average mark of 70 percent or higher in the secondary-school subjects on which admittance to the chosen post-secondary course and institution is based, or must have attained an average of 70 percent or more on the full workload from a previous undergraduate year.

Courses may be taken at any Canadian university or other approved institution of higher learning, and awards are tenable for a maximum of four academic years, or the equivalent, at the undergraduate or bachelor degree level. The four levels of academic years are measured from the first year of entering a post-secondary institution. Further information and application forms may be obtained from The Secretary, Committee on Higher Education, Imperial Oil Limited, 111 St. Clair Avenue West, Toronto, Ontario, M5W 1K3.

THE INTERNATIONAL LONGSHOREMEN'S AND WAREHOUSEMEN'S UNION ENTRANCE SCHOLARSHIPS. Four scholarships of \$500.00 each are offered to members, and sons and daughters of members, in good standing, of the International Longshoremen's and Warehousemen's Union. They will normally be awarded to the candidates who obtain the highest standing in the Grade XII Government Scholarship Examinations conducted in January and June by the Ministry of Education in Victoria, B.C. and who are proceeding in the fall to a full program of studies at any university or regional college in B.C. The donors reserve the right to withhold awards if the academic standing of candidates is not sufficiently high, or to re-award scholarships if winners receive other scholarships of substantial value. Further information and an application may be obtained from the University Awards Committee, Room 50, General Services Administration Building, U.B.C., Vancouver, B.C., V6T 1W5. Application deadline: July 1st.

THE INTERNATIONAL LONGSHOREMEN'S AND WAREHOUSEMEN'S UNION UNDERGRADUATE SCHOLARSHIPS. Three scholarships of \$350.00 each are offered to members, and sons and daughters of members, in good standing, of the International Longshoremen's and Ware-

housemen's Union. They are open to students in attendance at the University of B.C., the University of Victoria, Simon Fraser University or any regional college in B.C. who will continue in a full program of studies in the next session in an undergraduate faculty. These scholarships will normally be awarded to the candidates with highest standing as determined by the results of the Final Sessional Examinations conducted in April by the named universities. Candidates must notify the University Awards Committee, U.B.C. by May 1st of their intention of competing. The donors reserve the right to withhold awards if the academic standing of candidates is not sufficiently high or to re-award scholarships if winners receive other scholarships of substantial value. Further information and an application may be obtained from the University Awards Committee, Room 50, General Services Administration Building, U.B.C., Vancouver, B.C., V6T 1W5. Application deadline: July 1st.

THE INTERNATIONAL WOODWORKERS OF AMERICA LOCAL 1-80 BURSARY. The International Woodworkers of America Local 1-80 offers a bursary in the amount of \$400.00 in open competition to all I.W.A. Local 1-80 members or a wife, son, or daughter of an I.W.A. Local 1-80 member, or to a person who is wholly supported by a member in good standing of Local 1-80. For the purpose of eligibility in applying for the bursary, the wife, son, or daughter of a deceased I.W.A. Local 1-80 member in good standing at the time of his decease, or a member who is retired and was a member in good standing of Local 1-80 at the time of his retirement, shall also be eligible.

In making the award the Bursary Committee will be guided by the following:

- 1) Estimated final mark for the school year.
- 2) Indication of need.
- 3) All applicants must be on the university program proceeding to any degree granting university, the B.C. Institute of Technology, regional colleges, or other accredited vocational or technical school to complete a course leading to establishing a career.

All those desiring to compete must notify the Financial Secretary of I.W.A. Local 1-80, 351 Brae Road, Duncan, B.C. by a letter not later than May 15th of the current year. The I.W.A. Local 1-80 reserves the right to withhold the bursary if no candidate makes sufficiently high standing.

THE JOHN B. MACDONALD ALUMNI BURSARIES. In honour of Dr. John B. Macdonald, President of the University of B.C. from 1962 to 1967, seventeen bursaries of \$350.00 will be awarded to students entering the University of B.C. in the fall from the regional colleges in British Columbia. Selection of the winners will be based on academic ability and financial need.

Applications should be forwarded by July 1st to the following address: The John B. Macdonald Bursary Competition, c/o University Awards Committee, Room 50, General Services Administration Building, University of British Columbia, Vancouver, B.C., V6T 1W5.

MacMILLAN BLOEDEL LIMITED SPECIAL SCHOLARSHIPS FOR DEPENDENTS OF EMPLOYEES. Twelve scholarships of \$500.00 each, offered by MacMillan Bloedel Limited, are available annually to sons and

daughters (or legal dependents) of employees of the Company serving in any MacMillan Bloedel Limited division in North America. In addition to the \$500.00 scholarship award, special grants to equalize education opportunity may be made to students whose normal residence is remote from the university of their choice. No specific application is required for these grants. Because the majority of employees work in British Columbia, it is expected that most will be awarded in B.C. However, the diversity of the Company's operations will make it possible for awards to be made in other provinces and the United States. These scholarships are open to students graduating from secondary school and preceeding to studies at recognized institutes of higher learning. Awards will be made on the basis of academic ability and potential leadership as indicated by grade achievements in Grade XI and XII and participation in school activities. Application forms, which must be submitted by May 31st each year, may be obtained from the Manager or Personnel Supervisor at each operating division, or from the Secretary, Scholarship Committee, MacMillan Bloedel Limited, 1075 West Georgia Street, Vancouver, B.C., V6E 3R9.

MARGARET SINN BURSARY FUND. As a bequest from the Margaret Sinn Estate, a limited number of bursaries of not less than \$100.00 each are available annually to provide financial assistance to students who have successfully completed at least one academic year in a school of nursing in British Columbia. Criteria for selection include: academic ability and general progress, financial need, recommendation of the school. Each recipient will sign a statement agreeing to return the bursary to the R.N.A.B.C. should he/she be unable to use the money for the forthcoming year of study in nursing.

Further information and/or application forms are available from: Registered Nurses' Association of B.C., 2130 West 12th Avenue, Vancouver, B.C., V6K 2N3. All applications must be submitted by July 15th.

THE M. C. ROBINSON AND DONALD BUCKLAND MEMORIAL FUND. The M. C. Robinson and Donald Buckland Memorial fund is sponsored by the Canadian National Institute for the blind. Captain Merrill C. Robinson, blinded since 1917, was the Director of the Canadian National Institute for the Blind, B.C.-Yukon Division, from 1929 to 1964. His contribution towards the development of C.N.I.B. and services to the blind of B.C.-Yukon will long be remembered. Donald Channing Buckland, a graduate and distinguished Faculty member of the University of British Columbia, was himself overtaken by blindness a few years before his untimely death. An annual award of \$200.00 is available from this fund to any full-time blind students having established permanent residence in British Columbia. Requests must be directed to the Executive Director of the B.C.-Yukon Division, C.N.I.B., 350 East 36th Avenue, Vancouver, B.C., V5W 1C6, no later than September 15th of each year.

MUNGO MARTIN MEMORIAL AWARDS. The subject awards will be made annually from the proceeds of the Mungo Martin Memorial Fund, raised by public subscription under the sponsorship of the B.C. Indian Arts and Welfare Society of Victoria, B.C., to commemorate Mungo Martin, the late Kwakiutl chief, artist, philosopher and carver, who did so much to revive appreciation of Indian art and traditions of the Northwest Coast, winning renown far beyond its boundaries. The Fund is adminis-

tered by a Board of Trustees appointed by the said Society for this purpose. Its members serve without remuneration. The Board of Trustees is the sole authority adjudicating awards and its decisions are final. Awards will be made in any amount or amounts in any one year within the limitations of available funds at the sole discretion of the Trustees. (Awards normally are expected to be from \$50.00 to \$300.00.) The purpose of the awards is to assist people of Indian racial background to further their education, vocational training, skills and competence in arts, handicrafts and other worthy endeavours. While age and circumstances of qualifying candidates may vary considerably, preference will be given to young people. Candidates for awards must be of Indian racial background and must be domiciled in the province of B.C. at the time of application. The recipient of an award may apply for a further award in a subsequent year. It is emphasized that these awards are open not only to those who wish to further their general education of skills, but in particular to those who seek to do creative work to further the artistic heritage of the Indian people, whether it be in painting, carving, music, and dance, folklore or language. Applications for awards should be made on forms provided by the Board of Trustees, and may be mailed at any time for consideration at periodic meetings of the Board, to the following address: The Board of Trustees, Mungo Martin Memorial Award Fund, c/o Mrs. Velva B. Rosieter, Humpback Road, R.R. #6, Victoria, B.C., V8X 3X2.

NANCY GREEN SCHOLARSHIPS. Ten scholarships, each of \$750.00 awarded annually to those British Columbia students who apply and who best combine the qualifications set out below. Applicants must show evidence of good school and community citizenship, leadership and character, scholastic achievement and athletic ability and performance. Students are eligible to apply for this award if they are currently registered in a senior secondary school (including independent and private schools) and in any recognized college preparatory program in B.C. provided they plan to pursue an educational program at any post-secondary educational institution in the province of British Columbia. Applicants must write a personal letter of application to the Selection Committee, in which they should outline their scholastic and athletic achievements in Grades XI and XII and educational goals. Supporting letters are required from the school principal and other members of the community. A transcript of marks should accompany the principal's letter. Applications will be reviewed by a Selection Committee which will include representatives from the B.C. Amateur Sports Council and the Ministry of Education. Scholarships will be made available to successful applicants after proof that he, or she, has been accepted by the institution concerned and is registered provided they are not in receipt of a similar or other major award of \$500.00 or more. All applications should be postmarked not later than June 1st, and are to be addressed to the Deputy Provincial Secretary, Parliament Buildings, Victoria, B.C.

THE NANCY RYCKMAN SCHOLARSHIP. Out of the proceeds of a fund bequeathed to the University by the late Nancy E. Ryckman, one or more scholarships to a value of \$700.00 will be awarded annually to a student or students beginning or continuing a course of study at the University. These scholarships will be available only to students who have completed at least one year at a university or regional college and who attended

school in East Kootenay, British Columbia, for three years, of which two years must have been immediately prior to entrance to the university or college. It is the expressed wish of the donor that the scholarships be awarded to young men or women who require aid in obtaining a university education and that, in making the awards, consideration be given to character and intellectual promise. Further information and an application may be obtained from the University Awards Committee, Room 50, General Services Administration Building, U.B.C., Vancouver, B.C., V6T 1W5. Application deadline: July 1st.

NAVY LEAGUE OF CANADA SCHOLARSHIP. This scholarship of \$100.00 is open to students who have been Royal Canadian Sea Cadets or Navy League Wrenettes. There are two categories: university entrance and community college entrance. The course of instruction must be of one or more year's duration leading to a diploma. These scholarships shall not apply where the government provides free tuition or grants to candidates. The value of the scholarships shall be made payable to the community college and be sent to successful candidates between September 1st and 15th. Such funds may be paid directly to the student, in special cases, at the discretion of the Scholarship Committee. Letters from the Corps C.O., Branch President, and Division President are required. Submit application through the Navy League Branch responsible for the Corps of which the candidate was a member, to the responsible Division, or to the National Office, The Navy League of Canada. Applications must be received at the National Office on or before August 15th. For further information contact the local branch or The Navy League of Canada, National Council, Suite 910, 85 Range Road, Ottawa, Ontario.

RETAIL, WHOLESALE AND DEPARTMENT STORE UNION, LOCAL 517, SCHOLARSHIP. This scholarship of \$250.00 is offered to dependents or legal wards of members of Local 517. It is open in competition to applicants who are proceeding from Grade XII to any accredited university or college in British Columbia, in a full program leading to a degree or diploma. To be eligible for consideration an applicant must have a satisfactory academic standing (normally 65% or better average). In the selection of the winner the basic factor will be the academic standing of the applicant. Should there be a tie the financial need of the applicant and his or her family shall be the deciding factor. The winner will be selected in consultation with the Union. Further information and an application may be obtained from the University Awards Committee, Room 50, General Services Administration Building, U.B.C., Vancouver, B.C., V6T 1W5. Application deadline: July 1st.

THE RETAIL, WHOLESALE AND DEPARTMENT STORE UNION, LOCAL 580, BURSARIES. Two bursaries of \$250.00 each are offered by the Retail, Wholesale and Department Store Union, Local 580 to active members, or sons, daughters and legal wards of active members of the Union in good standing. They are open in competition to applicants who are proceeding from Grade XII to studies at the University of British Columbia, The University of Victoria, or Simon Fraser University, or to a regional college in a full program leading to a degree in any field. To be eligible for consideration a candidate must have satisfactory academic standing (normally an overall average of at least 65% in Grade XII). In the selection

of the winner, the basic factor will be the financial need of the candidates and their families. The winner will be selected in consultation with the Union. Further information and an application may be obtained from the University Awards Committee, Room 50, General Services Administration Building, U.B.C., Vancouver, B.C. V6T 1W5. Application deadline: July 1st.

THE ROYAL ARCH BURSARIES — Several bursaries, up to \$500.00 each have been established by the Royal Arch Masonic Order to give assistance to children of members in good standing, or of deceased members, of Chapters of the Order in British Columbia and the Yukon Territory, who need assistance to continue their education by attendance at a recognized university, the B.C. Institute of Technology, a regional or community college in B.C. technical or vocational school, including schools of nursing. Wherever possible, bursaries will be made available in approximately equal proportions to students entering their first year, those entering their second year, and those entering higher years. Applications must be made on the form to be obtained from the secretary of the Grand Chapter of Royal Masons of British Columbia and the Yukon, Room 104, 1495 West 8th Avenue, Vancouver, B.C. V6H 1C9, or from secretaries of the Chapters in British Columbia and the Yukon, and must be completed and returned to the Grand Chapter office by July 15th. The application must clearly indicate (a) the applicant's relationship to a member of a Royal Arch Masonic Chapter in B.C. or the Yukon, giving the name of the chapter and attaching a letter from the secretary of the chapter confirming this fact, and (b) the applicant's financial circumstances and that of his or her immediate family, including information as to the parent's income. Qualifying candidates will be required to have good academic standing and must submit a transcript of marks with the application. However, consideration will be based primarily on the need of the applicant and secondarily on relative academic achievement.

ST. JOHN AMBULANCE BURSARIES. One or more bursaries of \$1,000 from the Margaret MacLaren Memorial Fund will be awarded annually to student nurse applicants entering or advancing their nursing education in the Diploma and Baccalaureate programs. One bursary from this fund may also be awarded to an experienced Registered Nurse for study at the Masters level.

Applications must reach National Headquarters not later than May 1, addressed to the Chairman, St. John Ambulance, 312 Laurier Avenue East, Ottawa, Ontario K1N 6P6.

SIMON FRASER UNIVERSITY REGIONAL COLLEGE ENTRANCE SCHOLARSHIPS. A number of scholarships ranging in value from \$175.00 to \$300.00 will be available to students entering Simon Fraser University from regional junior or community colleges. Students who have completed one or two years of study at such institutions and have maintained a high academic average on a full course load, and who have been recommended for the scholarship by the college from which they are transferring, will be considered. Only students who are proceeding with further university studies within one year of completion of one or two years of study at the regional college level will be eligible. Students who are not enrolled in a full university course load will ordinarily not be eligi-

ble. Deadline is the first day of classes in September at Simon Fraser University. For further information and application, contact Financial Aid Office, Simon Fraser University, Burnaby, B.C.

SONS OF NORWAY FOUNDATION IN CANADA. Three scholarships of \$600.00 each are offered by Sons of Norway Foundation in Canada to students who have shown interest in Norwegian culture, history or language. They are open to students who show evidence of sound academic performance and financial need. The awards are tenable at any recognized junior college, vocational institute, or university in Canada and can be any study year. Apply on forms available at the Institution of your choice and give all pertinent information. Forward application not later than July 30th, to Sons of Norway Foundation in Canada, 905-935 Marine Drive, West Vancouver, B.C. V7T 1A7.

SUNSHINE COAST SCHOLARSHIP, BURSARY & LOAN SOCIETY offers a \$500.00 Bursary to a student from the Sunshine Coast School district for post secondary education beyond the first year.

Applications are available from — Mrs. M. Richter, Secretary, Sunshine Coast Scholarship, Bursary and Loan Society — Roberts Creek, B.C. V0N 2W0.

TAHSIS COMPANY LTD. ENTRANCE SCHOLARSHIP. Tahsis Company Ltd. offers annually a scholarship of \$500.00 to a first year student to attend The University of British Columbia, the University of Victoria, or Simon Fraser University. This scholarship is open in competition to sons and daughters of employees of the Company proceeding in the fall from Grade XII to studies leading to a degree in any field. This scholarship is also open to students who intend to proceed to a regional college or The British Columbia Institute of Technology under the following qualifying conditions:

- 1) That the applicant must take two consecutive semesters of work at the regional college.
- 2) That the applicant must take a full program of work each semester in courses that will give him the equivalent of one full year of university credit at one of the universities in B.C.
- 3) That the courses taken must be in a program that will lead to a degree offered by one of the universities in B.C.

The application must state the name of the applicant's parents, one of whom must be currently employed by the Company, or have been employed for a minimum of one full year and then retired. Brief details of their service with the Company should also be supplied. All candidates must write the Government of B.C. Grade XII Scholarship Examinations conducted in January or June by the Ministry of Education, B.C.

The award will be made to the candidate obtaining the highest standing. In the event that the candidate wins another scholarship, the University and the Company reserve the right to decide whether the Tahsis Company Ltd. Scholarship shall be paid to the winner or revert to the candidate with the next highest standing. Further information and an application may be obtained from the University Awards Committee, Room 50, General Services Administration Building, U.B.C., Vancouver, B.C. V6T 1W5. Application deadline: July 1st.

THE TRANS MOUNTAIN PIPE LINE COMPANY LIMITED SCHOLARSHIPS. Trans Mountain Pipe Line Company offers eleven scholarships in the amount of \$500.00 each to students beginning or continuing studies at the University of British Columbia. The awards will be made to students who reside in areas along the route of the Trans Mountain Pipe Line, i.e., the lower and upper Fraser Valley, especially Chilliwack, Hope, Merritt, Kamloops, and the North Thompson River region. In selecting the winners, the financial circumstances of the applicants as well as their academic standing will be considered. Application forms may be obtained from their Division offices and should be forwarded to the Trans Mountain Higher Education Awards Committee, c/o The Royal Trust Company, P.O. Box 2031, Vancouver, B.C. V6B 3R7.

THE VANCOUVER SUN REGIONAL COLLEGE ENTRANCE SCHOLARSHIPS FOR SUN CARRIERS — The Vancouver Sun offers annually three scholarships of \$250.00 each to students proceeding in the fall from Grade XII to the first year of a regional college in British Columbia, in a full program of studies (comprising of two consecutive semesters or the equivalent) in courses leading to a university degree. To be eligible, an applicant must have been a carrier of the Vancouver Sun for at least two consecutive years. The awards will normally be made to the students with the highest standing based on their final secondary school transcript but in no case will an award be made to a student who obtains a standing of less than 70%. A winner who ranks in the top 10% of the students in the college and who proceeds to the second year of the college in a full program of studies leading to a university degree will be granted a renewal in the same amount. A winner who, after completion of one or two years of college, transfers to a full course of studies at a public university in British Columbia, and who ranks in the top 10% at the time of the transfer will qualify for a scholarship in the amount of \$500.00. For continued university attendance, they may then be eligible for up to two further renewals or until the first undergraduate degree is obtained, whichever is the shorter period. Renewal each year is conditional upon the student ranking in the top 10% of students in the year and faculty in which he/she is registered.

Further information and an application may be obtained from the University Awards Committee, Room 50, General Services Administration Building, U.B.C., Vancouver, B.C. V6T 1W5. Application deadline: July 1st. The application must be accompanied by the service certificate of the Vancouver Sun.

WILLIAM AND EMILY ROSS FUND. This fund of the Vancouver Foundation provides bursaries for physically handicapped students. Contact: Vancouver Foundation, 9th Floor, 1199 West Pender St., Vancouver, B.C. V6E 2R1.

THE WILLIAM L. HURFORD MEMORIAL SCHOLARSHIP. A scholarship of \$500.00, offered in memory of William L. Hurford by the British Columbia Maritime Employers' Association, is open to sons and daughters of members, in good standing, of the International Longshoremen's and Warehousemen's Union. The scholarship will normally be awarded to the candidate who obtains the highest standing in Grade XII Government Scholarship Examinations conducted in January or June by the Ministry

of Education, Victoria, B.C. and who is proceeding to a full program of studies at The University of British Columbia, University of Victoria, Simon Fraser University, or a regional college in B.C.

Further information and an application may be obtained from the University Awards Committee, Room 50, General Services Administration Building, U.B.C., Vancouver, B.C. V6T 1W5. Application deadline: July 1st. The donors reserve the right to withhold the award if the academic standing of the candidates is not sufficiently high or to re-award the scholarship if the winner receives other scholarships of substantial value.

YOUTH BOWLING CONGRESS SCHOLARSHIPS. A number of scholarships up to \$150.00 each are open to all members of teams affiliated with the Youth Bowling Council proceeding from Grade XII to any post-secondary institution. Further information and application forms are available from secondary school counsellors and principals. Applications must be submitted not later than May 1st.

VAN-TEL CREDIT UNION — THE LEO MORRIS MEMORIAL BURSARY. To honour the memory of Leo Morris, late Treasurer of Van-Tel Credit Union, a Bursary of \$500.00 will be awarded to the sons, daughters and legal dependents residing in British Columbia, of members of Van-Tel Credit Union. It is open to competition to students proceeding from Grade XII into a full program of studies at the University of B.C., University of Victoria, Simon Fraser University, or any accredited post-secondary Institute within the Province of British Columbia. To be eligible for consideration a candidate must have an average of at least 70%. The winner will be selected by the University of B.C., in consultation with Van-Tel Credit Union. From those who so qualify, in the final selection, a major factor will be the financial circumstances of the applicants and their families. Applications and further information may be obtained from the Awards Office at the University of British Columbia, Vancouver, B.C. V6T 1W5. Applications must be received by U.B.C. on or before July 1st.

— **THE LES KING MEMORIAL BURSARY.** To honour the memory of Les King, late President of Van-Tel Credit Union, a Bursary of \$500.00 will be awarded to the sons, daughters and legal dependents residing in British Columbia, of members of Van-Tel Credit Union. It is open to competition to students proceeding from Grade XII into a full program of studies at the University of British Columbia, University of Victoria, Simon Fraser University, or any accredited post-secondary Institute within the province of British Columbia. To be eligible for consideration a candidate must have an average of at least 70%. The winner will be selected by the University of British Columbia, in consultation with Van-Tel Credit Union. From those who so qualify, in the final selection, a major factor will be the financial circumstances of the applicants and their families. Applications and further information may be obtained from the Awards Office at the University of British Columbia, Vancouver, B.C. V6T 1W5. Applications must be received by U.B.C. on or before July 1st.

THE WAR AMPUTATIONS OF CANADA, VANCOUVER BRANCH, BURSARIES. Twenty bursaries of \$250.00 each, provided by the War Amputations Association of Canada, Vancouver Branch, are offered to children of active members of the Branch. These bursaries are available to

selected students who are taking a full-time course of study beyond the Grade XII level at a recognized institution of learning. Each applicant must have clear academic records in the program of studies in the year most recently completed. Applications should be directed to: The Manager, War Amputations Association of Canada, 1431 West Broadway, Vancouver, B.C.

LOANS

BRITISH COLUMBIA YOUTH FOUNDATION LOANS. The B.C. Youth Foundation was founded in 1946 by a donation from the late Mr. Jos. A. McKercher. Additional bequests have since been received from the estate of Mr. E. S. H. Winn and Mr. and Mrs. H. I. Saxton.

Interest free loans are made to bona-fide B.C. young people to a maximum age of 30. Loans may be for fees, books, and/or a monthly allowance to assist with living expenses where the applicant is not living at home. Students eligible for government loans should apply to that source. The loans are not designed only for university or college education but are also made to students studying in technical or vocational fields. A suitable adult guarantor is required. Applicants should have an aptitude for their chosen field of study and a reasonable chance of success. Hopefully they should contribute some of their own money to the cost of their education. Applications and further information may be obtained by contacting the Financial Aid Office.

THE P.E.O. SISTERHOOD EDUCATIONAL LOAN FUND — Loans are available to women students in any year of a university course, and may be requested at any time. The maximum amount of a loan to any student is \$1800.00. Fourth year or graduate students may be granted loans and draw the maximum loan in one year. Undergraduates may apply for and be granted the maximum loan of \$1800.00 for two or more years of study, but may draw only \$900.00 of the loan in one academic year. Freshmen must complete one term's work satisfactorily before making application. Loans may be considered for Summer School and for foreign study. Applications for Summer School Loans must be in before May 1st. Loans are made for periods up to five years. Interest at the rate of 4% is to be paid annually, and the student is expected to begin payment of the principal as soon as she is out of the university and employed. Further information may be obtained from the Dean of Women and from the area chairman, Dr. Ruth White, Department of French, U.B.C.

DEPARTMENT OF NATIONAL DEFENCE CANADIAN FORCES (RESERVES)

RESERVE ENTRY SCHEME OFFICERS PLAN (RESO)

Male or female students on a full-time diploma program at Langara Campus are eligible to enter the Reserve Entry Scheme Officers Plan. This plan carries no service obligation. Successful candidates are enrolled in the reserve forces as officer cadets and may be promoted to the rank of second lieutenant after the first year of military training.

The plan involves a minimum of 15 days training over the winter and a minimum of 12 weeks in the summer. During summer training, room, board and uniforms are provided without charge. The 1980/81 pay rates are:

Rank	Summer Training based on 12 weeks
Officer Cadet	
2nd Lieutenant	\$24.50 per day \$2,058.00
Lieutenant	\$34.00 per day \$2,856.00

To qualify for the program, students must be Canadian citizens, aged 17 to 22 (some exceptions possible) and medically fit.

Further information is available from the Financial Aid Officer at Langara Campus or from participating Armed Forces Reserve Units.

CAMPUS OFFICERS AND SENIOR STAFF:

DENHOLM, J. J., B.A. (Sask.), M.A., B.ED. (Brit. Col.), PH.D. (Calif-Berk.), Principal.

DARTNELL, A. L., B.COMM. (Sir George Williams), M.A., PH.D. (McGill), Dean of Administrative and Student Services.

FAST, L. E., B.A. (Sask.), M.ED. (Brit. Col.), M.A., PH.D. (Oregon), Dean of Instruction.

KERR, R. F., B.A., B.PED, B.ED. (Manitoba), Assistant Dean, Career Programs.

BEKENN, M. G. A. Assistant Dean, Administrative Services.

NIELSEN, V. A., Dip. Arts and Science (V.C.C.), B.A. (Brit. Col.) M.A. (S.F.U.), Registrar.

COLLIER, D., Scheduling Officer.

GAETANNE, V., B.SC. (Wash.), Bookstore Manager.

PARADIS, T., Records Officer.

ROSE, D. L., Financial Aid Officer.

WILKINSON, R. G., P.SC., C.A.S.C., Office Manager.

FACULTY

ACHESON, MISS K. E., B.A.ED. (Montana), Court Reporter Program.

ALLAN, E. A., B.SC., M.SC., (Brit. Col.), Chemistry; Division Chairman, Mathematics and Science Division.

ANASTASIOU, MRS. J. C., B.A., M.A., B.L.S., M.L.S. (Brit. Col.), Library Technician Program Co-ordinator, Library Technician Program.

ANDERSON, L., C.A. (Manitoba Inst.), Accounting.

ANSELL, G., B.SC. (Birmingham U., England), Data Processing.

ARNOLD, R., Art in Merchandising.

ATWELL, MISS P. H., B.A. (Hons.) (Manitoba), M.A. (Calgary), Sociology.

BAGGOO, K. R., B.A., M.ED. (Brit. Col.), Biology; Assistant Department Chairman, Biology.

BAKER, B., B.P.E., M.P.E. (Brit. Col.), Physical Education.

BARTON, N., B.A. (Hons.), M.A. (Brit. Col.), Mathematics.

BATEMAN, MISS E. L., B.A., B.S.W., M.S.W., (Brit. Col.), CERT. (Casework Teaching), S.S.A. (Chicago), Welfare Aide Program; Co-ordinator, Welfare Aide Program.

BAYNES, R. A., B.S.A., M.A. (Brit. Col.), Biology; Department Chairman, Biology.

BELL, MISS E. J., R.N., B.SC.N. (Windsor), Nursing Program.

BESLER, M., B.A. (Hons.) (Univ. Regina), M.SC. (Brit. Col.), Mathematics.

BICKLE, MISS J. A., B.SC.N. (Univ. Western Ont.), Nursing.

BIDESHI, R., B.SC. (Brit. Col.), M.ED. (West Wash.), Biology.

BOLTER, MRS. C. J., B.P.E. (Brit. Col.), M.A. (West Ontario), Physical Education and Recreation.

BOXLER, MRS. J. D., B.SC. (Ohio State Univ.), M.SC. (Norwestern Univ., Ill.), Computer Sciences.

BRAFMAN, S., B.A. (Univ. of Calif.), Fine Arts.

BRIDGE, P. A. R., B.A. (U. of Wash.), M.B.A. (S.F.U.), Journalism and Business Administration.

BRILL, B. A., B.A., M.A. (Brit. Col.), History.

BRISTOLL, MISS S. M., B.A. (Brit. Col.), Q.A.A., English.

BRODERICK, MISS C. E., B.A. (Brit. Col.), B.F.A. (Mexico), Fine Arts.

BROMLEY, MRS. R. A., B.H.EC. (Brit. Col.), Food Services.

BROOKE, R. L., B.S.N. (Brit. Col.), Nursing.

BROOMHALL, P. H., B.A., M.A. (Brit. Col.), English.

BROWN, R. D., B.COMM., M.ED. (Brit. Col.), C.G.A., Accounting Program.

BROWNE, D. A., B.A. (Hons.), M.A., PH.D. (Brit. Col.), Philosophy.

BRYENTON, G. A. M., B.A. (Hons.) (Brit. Col.), M.A. (Toronto), Psychology.

BURBRIDGE, M., B.SC. (Manitoba), M.A. (Brit. Col.), Philosophy.

BURSEWICZ, A. M., M.B.CH.B. (Edinburgh) Medicine, L.M.C.C., D.P.H. (Toronto), Biology.

BURSEWICZ, A., B.SC. (Univ. Alta), M.PHIL. (Univ. London, U.K.), *Anthropology*.

BUSSEY, MS. J., B.A., M.A. (S.F.U.), *Anthropology*.

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