VANCOUVER COMMUNITY COLLEGE

LANGARA CAMPUS

1993 - 1994

CALENDAR

CLEAN AIR BY-LAW

Langara is a place of public assembly. As such the Clean Air By-Law is enforced. Smoking is permissible in smoking designated areas only. Please do not smoke unless you are in a smoking permissible area of the building.

VANCOUVER COMMUNITY COLLEGE
LANGARA
1993 - 1994 CALENDAR

OFFICE OF THE REGISTRAR

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1993 - 94 SCHEDULES

*In order to increase accessibility to the College, Langara is offering a LIMITED NUMBER of courses each semester in 8 week sessions. The 8 week sessions are listed in the semester schedule and in this calendar as section 50 and section 60. Sections 50 are always offered in the first two months of any semester and sections 60 are always offered in the final two months. (e.g. May/June; September/October and January/February are listed as section 50; November/December; March/April and July/August are listed as section 60.)

SUMMER SEMESTER 1993

Classes for the Regular (May/August) Semester start May 11 and end August 9; for Section 50* they start May 11 and end June 22 for Section 60* they start June 24 and end August 17. FINAL EXAMINATIONS for the Regular (May/August) Semester (August 12 - 18) for Section 60* (August 18), and for Section 50* (June 23) MUST BE WRITTEN unless the student is exempted by a medical certificate.

May 1, 1993:	First day of the Summer Semester.
May 10:	Registration for regular (May/August) section 50* and section 60* semesters.
May 11:	First day of classes for regular (May/August) and section 50* semesters.
May 12 & 13:	Late registration and course change for regular (May/August), section 50* and section 60* semesters.
May 18:	Last day for refunds for section 50* semester.
May 24:	Victoria Day: Langara closed.
May 26:	Last day for refunds for regular (May/August) semester and section 60* semester.
May 27:	Annual Graduation Ceremonies.
June 3:	Last day for withdrawals from section 50* semester.
June 2 - 22:	Registration for section 60* semester at Student Services, Monday through Friday during regular college hours.
June 23:	FINAL EXAMINATIONS for section 50* semester. Last day for registration for section 60* semester.
June 24:	First day of classes for section 60* semester.
July 1:	Canada Day. Langara closed.
July 30:	Last day for withdrawals from regular (May/August) and section 60* semester.
August 2:	B.C. Day: Langara closed.
August 10 & 11:	Study days for final examinations.
August 12 - 18:	FINAL EXAMINATIONS for regular (May/August) semester.
August 18:	FINAL EXAMINATIONS for section 60* semester.
August 31:	Last day of the Summer Semester.

FALL SEMESTER 1993

Classes for the Regular (September/December) Semester start September 7 and end December 3, for Section 50* they start September 7 and end October 20; for Section 60* they start October 21 and end December 3. FINAL EXAMINATIONS for the Regular (September/December) Semester (December 8 - 15), for Section 60* (December 15), and for Section 50* (October 20), MUST BE WRITTEN unless the student is exempted by a medical certificate.

August 26, 1993:	Orientation Day.
September 1:	First day of the Fall Semester.
August 3:	Telephone Registration commences. Please check the LARS Guide for specific registration time.
September 2:	Last day for payment of tuition fees.
September 6:	Labour Day: Langara closed.
September 7:	First day of classes for regular (September/December) and section 50* semesters.
September 10:	Last day to add courses via LARS and for 100% refund.
September 21:	Last day to drop courses via LARS and for 50% refund.
October 1:	Last day for withdrawals from section 50* semester.
October 11:	Thanksgiving Day: Langara closed.

October 20:	FINAL EXAMINATIONS for section 50* semester. Last day to add section 60* courses.
October 21:	First day of classes for section 60* semester.
November 11:	Remembrance Day: Langara closed.
November 30:	Last day for withdrawals from regular (September/December) and section 60* semesters.
December 6 & 7:	Study days for final examinations.
December 8-15:	FINAL EXAMINATIONS for regular (September/ December) semester.
December 15:	Final examinations for section 60* semester.
December 24-31:	Langara closed.
December 31:	Last day of the Fall Semester.

SPRING SEMESTER 1994

Classes start January 4 and end April 8 for the Regular (January/April) Semester; for Section 50* they start January 3 and end February 16, for Section 60* they start February 21 and end April 8. FINAL EXAMINATIONS for the Regular (January/April) Semester (April 13 - 20), for Section 60* (April 20), and for Section 50* (February 16) MUST BE WRITTEN unless the student is exempted by a medical certificate.

January 1, 1994:	First day of the Spring Semester; New Year's Day; Langara closed.
November 29:	Telephone registration commences. Please check the LARS Guide for specific registration time.
January 4:	Last day for payment of tuition fees. First day of classes for regular (January/April) and section 50* semesters.
January 7:	Last day to add courses via LARS and for 100% refund.
January 19:	Last day to drop courses via LARS and for 50% refund.
February 4:	Last day for withdrawals from section 50* semester.
February 17 & 18:	Spring Semester Break. No Scheduled classes; Langara open.
February 16:	FINAL EXAMINATIONS for section 50* semester and last day to add section 60* courses.
February 21:	First day of classes for section 60* semester.
March 15:	Last day for Application for Certificates, Diplomas and Associate Degrees for the Annual Graduation in May.
March 31:	Last day for withdrawals from regular (January/April) and section 60* semesters.
April 1:	Good Friday: Langara closed.
April 4:	Easter Monday: Langara closed.
April 11 - 12	Study Days - Langara open.
April 13 - 20:	FINAL EXAMINATIONS for regular (January/April) semester.
April 20:	FINAL EXAMINATIONS for section 60* semester.
April 30:	Last day of the Spring Semester.

SUMMER SEMESTER 1994

Classes for the Regular (May/August) Semester start May 4 and end August 6; for Section 50* they start May 4 and end June 19; for Section 60* they start June 25 and end August 16. FINAL EXAMINATIONS for the Regular (May/August) Semester (August 11 - 17), for Section 60* (August 17), and for Section 50* (June 20) MUST BE WRITTEN unless the student is exempted by a medical certificate.

May 1, 1994:	First day of the Summer Semester.
April 11:	Telephone Registration commences. Please check the LARS Guide for specific registration time.
April 29:	Last day for payment of tuition fees.
May 4:	First day of classes for regular (May/August) and Section 50* semester.
May 6:	Last day to add courses via LARS and for 100% refund (tuition only).
May 18:	Last day to drop courses via LARS and for 50% refund (tuition only).
May 23:	Victoria Day - Langara closed.
May 26:	Annual Graduation Ceremonies.

June 3:	Last day for withdrawals for Section 50* semester.
June 20:	FINAL EXAMINATIONS for section 50* semester.
June 21:	First day of classes for section 60* semester.
July 1:	Canada Day. Langara closed.
July 29:	Last day for withdrawals from regular (May/August) and section 60* semester.
August 1:	B.C. Day: Langara closed.
August 9 & 10:	Study days for final examinations.
August 11 - 17:	FINAL EXAMINATIONS for regular (May/August) semester.
August 17:	FINAL EXAMINATIONS for section 60* semester.
August 31:	Last day of the Summer Semester.

ACADEMIC YEAR

FALL	SPRING	SUMMER
September - December	January - April	May - August

1993

January 1993

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July 1994

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August 1994

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September 1994

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October 1994

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November 1994

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December 1994

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A MESSAGE FROM THE CAMPUS PRINCIPAL

Langara is a very special institution because of the community of people who work and study here. The faculty are committed to making your education their primary focus; the support staff and administrators are committed to providing the services you require to assist you to learn; and you have chosen to enchance your knowledge and abilities by studying at Langara. It is this energy and dedication to our individual and collective goals that is the lifeblood of this College and is the reason for our reputation for success.

Langara is pleased that you have decided to join our community, and I personally wish you every success in the pursuit of your goals.

Linda Holmes
Acting Principal
Langara

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 (1925), 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 Sign Language Studies.

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 fourteen members appointed by the Provincial Lieutenant Governor in Council.

CAMPUSES

KING EDWARD

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 1155 East Broadway, 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 upgrading basic skills to enter or re-enter the work force — are accommodated.

King Edward Campus consists of three instructional divisions — Adult Basic Education, English Language Training, and Career. At present, more than 5,000 full-time and part-time students are enrolled in classes which are held Monday to Friday between 0800 and 2200 hours.

LANGARA

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 held its first classes in October 1970. The four-storey instructional building, 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 offers a broad curriculum designed to serve the needs of most individuals who wish post-secondary education. Through fall and spring semesters it enrols regularly 6,500 students — 5,000 in arts and science programs (first and second year) and 1,500 in 31 career programs of specific occupational orientation. The academic year is divided into three semesters of four months each. Any two semesters of enrolment constitute an academic year.

CITY CENTRE

City Centre 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 at City Centre, 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 the 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 enrols approximately 20,000 part-time students. Courses are held during the evening at three Campuses. Langara 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 in early September; the Winter term, early January; the Spring term, early April and the Summer term, mid-June.

LANGARA OPERATION

Langara remains open during normal operating hours unless a specific announcement to the contrary is made. Emergency closures occur only under the most extreme 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 perspective students but also to those who at that time are registered in the College.

HOW LANGARA WORKS

1) The normal semester at Langara is four months long. Courses last for a full semester, and students receive final grades at the end of each semester. In some semesters a few full credit 2-month courses may be given. Two four-month semesters of full-time study (15 credit hours or more each semester) normally constitute a complete academic year of study at Langara — some career programs require three semesters per year.
2) There are three semesters in the calendar year:
   a) The Fall Semester
      September to December
   b) The Spring Semester
      January to April
   c) The Summer Semester
      May to August

NOTE:
ALTHOUGH YOU MAY COMPLETE YOUR REQUIREMENTS FOR A COLLEGE CERTIFICATE, DIPLOMA, OR ASSOCIATE DEGREE 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/degree requirements by successfully completing an approved program of study over four semesters (60 credit hours of study). Within the Career Division, there are a number of programs that require more than 60 credit hours and/or more than four semesters: the Accounting Co-operative Education, Nursing, Computer Information Systems Co-operative Education, General Insurance Co-operative Education, Realty Appraisal Co-operative Education, Marketing and Sales Co-operative Education and Theatre Arts Programs require six semesters; the Court Reporter and Food Services Programs require five semesters. Excluding regular career program requirements, the normal maximum load a semester is 17 credit hours of college courses. If you have carried a full course load (12-15 credit hours) and maintained a grade point average of 3.5, you may carry a course load exceeding the prescribed limits with permission from Dean of Administrative and Student Services or delegate.

4) 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.

5) You may commence College Arts and Science Programs at the beginning of any Langara semester. See the following pages for details regarding enrolment in career programs. (Some career program enrolments are interrupted and some are continuous.)

6) Many academic courses at Langara have both day and evening sessions. The Langara 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.

ADMISSION REQUIREMENTS

General Requirements

1. CITIZENSHIP STATUS

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. Evidence of citizenship, or permanent residence may be requested by the College.

2. INTERNATIONAL STUDENTS

A **limited** number of international students may be accepted at the College on a cost recovery basis. Please contact the International Education office at 1155 East Broadway, P.O. Box 24700, Station C, Vancouver, B.C. V5T 4N4.

3. ENGLISH LANGUAGE PROFICIENCY

Applicants must possess a level of English proficiency sufficient to support studies at Langara. If English skills are insufficient, the students' maximum course loads at Langara will be limited. (A referral to an English Language Assessment at V.C.C., King Edward Campus may be required prior to Langara Admission.)

Language Requirements

Language Proficiency Index Test

If you plan to enrol in a first semester English or Communication course or in certain Economics, Geography, Geology and Philosophy courses you must take the B.C. Language Proficiency Index Test **prior** to the semester in which you hope to register. Application forms are available at Student Services.

CHEMISTRY DIAGNOSTIC TEST

For information on the Chemistry Diagnostic Test see page 126.

MATHEMATICS DIAGNOSTIC TEST

For information on the Mathematics Diagnostic Test see page 148.

Academic Requirements

1. **Regular Academic Admission**
   The academic requirements for admission to Langara on a credit or non-credit basis are:
   a) Successful completion of a B.C. secondary program (Grade 12); or the equivalent.
   b) Successful completion of V.C.C., King Edward Campus Adult Basic Education Program, or the equivalent.
   c) Successful completion of G.E.D. (General Educational Development testing program).

2. **Dean's Admission**
   Applicants not eligible for Regular Admission may be granted "Dean's Admission" by the Dean of Administrative and Student Services, or delegate, on the basis of: age; background; previous education; and general suitability for direct entry to college level studies. Prospective students must be at least 19 years of age on the first day of the semester in which they wish to enrol.
   Depending on the academic background of a student, the number of courses in which such a student may register may be restricted. The Dean of Administrative and Student Services or delegate will adjudicate exceptional cases and circumstances arising from the admission process.

YOU SHOULD REMEMBER THAT, BECAUSE OF THE LARGE NUMBER OF STUDENTS ENROLING, LANGARA 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 PREREQUISITES OF INDIVIDUAL PROGRAMS OR COURSES.

REGISTRATION PRIORITY FOR RETURNING STUDENTS

Priorities for registration in any semester will be determined by a system of student number coupled with most recent SEMESTER Grade Point Average (GPA). For new students priority for registration is by student number only. Please go to the Registrar's office for details. Check the Langara Automated Registration System (LARS) guide for registration schedule.

HOW TO ENROL - ADMISSIONS

Procedure for enroling for the first time in Arts and Science (Academic) Programs

Before you register you must submit an application form, **with all supporting documents** (official copies only), to Admissions, Office of the Registrar. This submission may be made in person or by mail. (Between and including October 1 to 31, applications will be accepted by mail only.) If you are currently a Grade 12 secondary school student, you **must** submit your application before you have received your final secondary school transcript. Prospective students may make application to Langara **11 months prior** to the semester in which they wish to first register at Langara.

NOTE: All transcripts and educational documents must be official (photocopies are not accepted).

Current B.C. Secondary School students may have their records sent automatically to Langara by so indicating on the Post Secondary Choice Form provided to secondary schools by the Ministry of Education and by providing their B.C. Examination Identification number on their application for admission to Langara. No further action is necessary. If you do not have your grades forwarded automatically you **must** provide an official transcript to Langara immediately upon receipt.

If you wish to register in a course which has a prerequisite and you have obtained the prerequisite from another institution (secondary or post-secondary) you must request that this information be put on your file by submitting to the Office of the Registrar a completed Advance/Transfer Credit Form or an official secondary school transcript at least two months in advance of your registration date. If your prerequisite was obtained through a college prep program at a post-secondary institution, you must provide us with an official transcript.

Upon receipt of your application you will be assigned a student number which you will use in registration and which you must put on all documents and correspondence you submit to Langara. This number has 8 digits: the first two indicate the year (93, e.g.); the next digit shows the semester of your admission (Spring = 1, Summer = 2, Fall = 3); and the last five are your unique ID numbers. 93134567 would identify someone who was accepted in Spring, 1993. This student number has no validity after the registration period for which it was issued unless it is converted to a **permanent** student number by registering. YOU **MUST** ENROL FOR CLASSES IN THE SEMESTER FOR WHICH YOU HAVE REQUESTED ADMISSION; OTHERWISE THE STUDENT NUMBER CEASES TO BE VALID, AND YOU **WILL BE REQUIRED TO REAPPLY.**

NOTE: If your background so warrants, your maximum course load may be restricted.

Procedure for enroling 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 39 to 120).

1) New applications for any program will be accepted during the eleven-month period immediately preceding the program intake date.

*i.e.
- February 1 to October 31 for the following January intake
- October 1 to April 30 for the following September intake
- June 1 to February 28 for the following May intake

Applications received prior to these dates will not be accepted.

Theatre Arts Program — Please see page 48.
Nursing Program — Please see page 99.
Computer Information Systems and Realty Appraisal Evening programs have continuous intakes.

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

2) Secondary school graduation is the normal pre-requisite for admission to career programs. Some applicants, however may 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, do not 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 official 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 three to four months prior to commencement of instruction. In the event you are not accepted in a career program and you wish to study at Langara in the Arts and Science program you should submit an application as per the procedures for enroling for the first time in Arts and Science programs. See page 12. **You may submit the Arts and Science application at the same time as the career program application.**

7) Successful applicants will be required to submit a $100.00 non-refundable deposit (which will also allow you to access the Langara Automated Registration System (LARS) Registration System) 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.

8) If accepted into a career program, you will be so notified by letter. That letter will assign you a day for registration. (See LARS guide for details.)

REGISTRATION

Langara has a telephone registration system. The Langara Automated Registration System (LARS) allows students to register in courses at Langara by using any touch-tone telephone. Specific registration dates are available in the LARS Guide available approximately two months prior to the beginning of the semester in which you wish to register. (Significant dates are provided in the schedules in front of this calendar. See page 4.)

To facilitate registration using LARS, students must have provided to the Office of the Registrar proof of successful completion of any prerequisites (prerequisites may include placement tests) required for the course(s) in which they wish to register. (See How to Enrol page 12 and Prerequisites page 27.)

Personal Identification Number (Pin)

In order to access LARS you will be required to enter your student number and a PIN. Langara will be using your birthdate as your PIN. If no birthdate is on our file, you will be asked to enter a PIN the first time you access LARS. Thereafter you will use the same PIN unless you make a change of PIN through the Office of the Registrar.

Registration Deposit

A $100.00 non-refundable deposit will be required at least 5 working days prior to your assigned registration date. This deposit will be applied to tuition fees. See LARS Guide for details.

Student Identification Cards

Students registering at Langara as of the Fall Semester 1993 will be provided with a student identification card which must be retained for the duration of their studies at Langara. Replacements for lost or damaged cards are available for a fee. This card will be required to borrow library books (the library will attach a bar code and revalidate this code each semester), as identification during exams, and for admission to student functions. Please refer to Student Identification Card issuance schedule which will be placed outside the Office of the Registrar one month prior to the beginning of the semester.

Prerequisites

The Langara Automated Registration System (LARS) will check for prerequisites (see LARS Guide). Please note prerequisites may include diagnostic tests (see page). If you did not complete your prerequisites at Langara you must ensure that you have made a request to the Office of the Registrar to have these prerequisites entered on your file. You must submit a completed Advance/Transfer Credit Form along with official transcripts to the Office of the Registrar. If you are currently attending a B.C. Secondary school and you requested that your transcript be automatically sent to Langara by the Ministry of Education, no further action is required. All other secondary school graduates must provide an official transcript to the Office of the Registrar.

Transfer from Campus to Campus or Program to Program

Returning students at any campus of Vancouver Community College will receive preferential admission over new students subject to meeting the normal entrance requirements of specific programs. Such students should indicate at the time of registration that their desired ultimate educational goal at Vancouver Community College is a program (e.g. a certificate or diploma in a specified field) at a different campus or is different from the program to which they are initially admitted. Please see the Admissions Department for further details.

Procedure for re-registration

1) If you are a returning student, you must re-register for each semester in which you wish to enrol. If an Arts and Science student, you will register as scheduled by your permanent registration number and your MOST RECENT SEMESTER grade point average (G.P.A.) during the registration days as noted in the LARS guide. If a Career Program student, you will be so listed and you will register by program as noted in the LARS guide.

MAINTENANCE OF STANDING

Re-Admission

If you are returning to Langara, you must re-register for each semester.

Requirements for Re-Admission

(see also Grades and Grade Points, page 17).

By Course:

1) Registration in a College course with a pre-requisite at the College level requires a grade of "A+", "A", "A-", "B+", "B", "B-", "C+", "C", "C-", or "S" in the pre-requisite College Course.

2) College credit will be granted for the grade "D", but advancement to next course level will not normally be permitted.

3) The College reserves the right to restrict or refuse re-registration in a course in which a grade of "D", "F", "N", "U" or "W" has been received.

By Program:

1) If you receive a grade point average of less than 1.50 and/or you receive an "F", "N", "U" or "W", in two or more courses, you will be placed on academic warning and it is recommended that you see a counsellor before re-registering.

2) If you receive a grade point average of less than 1.50 and/or you receive an "F", "N", "U", or "W" in two or more courses for two successive semesters, you may not re-register for three semesters.

3) If you receive grades of "D", "F", "N", "U", or "W" in any of your career program courses, you must receive departmental/co-ordinator permission to proceed in the program.

NOTE: A student who stands out for three semesters for any reason, will be permitted when re-registering after the three semester stand out, to register in the "new student" category.

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 Admissions for resolution.

FEES

Tuition

All courses are $37.75 per credit.

Student Union

$11.00 basic, plus $2.00 for each additional course (Union operating fund), plus a national student fee of $3.75, plus $2.00 per course (Building loan), plus $2.50 basic (Gleaner) and 75 cents per additional course (Gleaner), plus refugee student support of $1.00 to a maximum of $39.25.

Materials

Some Career programs carry materials fees to cover packages provided to students. These fees range greatly from program to program. Please check with your counsellor or the program chair/co-ordinator for details.

Non-Credit Courses

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

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 or 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 Dean of Administrative and Student Services shall decide upon the availability of such courses and programs to senior citizen students on a fee exempt basis.

Guided Independent Study

Fees for guided independent study courses are the same as for regular courses (see Fees above).

Fee Refunds

Please check schedule at front of Calendar for refund dates.

Fee Payment

1) In order to access the Langara Automated Registration System (LARS) a deposit of $100.00 is required 5 days prior to your registration date. (See LARS Guide.)

2) Remainder of fees must be paid by the fee payment due date as noted in the schedule (see page 4) and the LARS Guide. Generally, the fee payment due date is a few days prior to the first day of classes.

3) Payment may be made at any Bank of Montreal or you may drop off your payment at the Finance Department, second floor, Langara.

4) If your cheques are not honoured where drawn, you will be excluded immediately from classes. You must pay any fees owing plus an additional $15.00 fee with cash, money order or certified cheque prior to readmission to your classes. Any fees owing to the College must be paid before you may register at the College in the future. In following semesters, you will be required to pay your fees with cash, money order or certified cheque.

Fee Receipts

Official fee receipts are issued once a year in February. 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.

PLEASE NOTE THAT ONLY TUITION IS INCOME TAX DEDUCTIBLE. EARLY IN THE YEAR YOU WILL RECEIVE AN OFFICIAL FEE RECEIPT FOR INCOME TAX PURPOSES SHOWING ONLY TUITION. OTHER FEES WILL NOT BE INCLUDED ON YOUR OFFICIAL RECEIPT FOR THEY ARE NOT INCOME TAX DEDUCTIBLE.

GRADING AND RECORDS

Term Work

Normally term essays, projects, and reports assigned during the semester account for 65 to 80 percent of the grade for each course. The final examination provides an additional means of measuring achievement. Considering this, it is vital for success in any course or program at Vancouver Community College, Langara, 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. 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 a medical certificate. If you are absent during the semester from any examination for which due notice has been given, you may be required by the instructor to report to the Dean of Administrative and Student Services or the Registrar 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 your examinations **as scheduled**. If possible, final examinations will be re-scheduled upon request for any student scheduled to write:

(i) two or more examinations at the same time, or
(ii) two or more examinations each exceeding one hour in duration with an intervening break of less than one-half hour, or
(iii) more than three examinations in one day, or
(iv) more than four hours of examinations in one day.

Permission to write examinations at alternative times may be approved in cases of illness (with a medical certificate) or documented bereavement and for no other cause.

Final examinations will not be re-scheduled for reasons other than those noted above. Requests for re-scheduling of examinations must be made on the appropriate form in the second floor General Office before a date which will be displayed on the initial (tentative) final examination schedule. If you are registered in a course and have attended throughout the semester, 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.**	4.33
A	For consistently distinguished accomplishment	4.00
A-	in examinations, reports, and class participation.	3.67
B+	**Above Average Achievement.**	3.33
B	For consistent mastery of the subject matter of this course.	3.00
B-		2.67
C+	**Average Achievement.**	2.33
C	For sufficient comprehension of the subject matter.	2.00
C-		1.67
D	**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.)	1.00
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+, A, A-, B+, B, B-, C+, C, C-, D, 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 semester i.e., December 1, April 1, August 1). 2) 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

The "S" and "U" grades are for evaluation of achievement in the field work courses in some Career Programs and for colloquiums and lecture series. 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) For the student who after the final drop date withdraws from a course for medical, compassionate or other reasons considered acceptable by the college.	Not to be included in the Grade Point Average
X	Duplicate course (no credit). When a course is repeated 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.	Not to be included in the Grade Point Average
*	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.	
@	Indicates non-payment of fees.	

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 semester (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 sections 50 and 60 semesters please see the schedules on pages 4 to 6.

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 may be taken on a non-credit basis by students who have the necessary pre-requisites. No grades 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.

Registration for a non-credit course may not take place until the first day of classes. See schedules pages 4 to 6.

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 semester.

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 have taken (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.

Statement of Grades

A Statement of Grades is mailed to students each semester within one week following the last scheduled examination in that semester. 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, Degree, Diploma or Certificate. You must submit to the Student Services Centre, a permanent address to which semester-end Statements of Grades can be mailed. If you change your name or permanent mailing address, please report the change to the Student Services Centre.

Appeal of Final Grades

APPEAL OF A FINAL GRADE MUST BE MADE WITHIN 14 DAYS OF THE DATE THE GRADES WERE MAILED.

Please contact the Registrar's Office for detailed procedure for Appeal of Final Grades.

Advanced Placement/Equivalent Credit/Transfer Credit

Please contact Student Services for information on the above.

Please Note: No more than 30 credits will be granted to any student on transfer from an other institution(s) unless the credit is toward a specific career program where greater than 60 credit hours are required for that program, in which case fifty percent (50%) of the total number of credits for the specific program may be transferred in.

Academic Record and Official Transcripts

The Office of the Registrar 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 the Office of the Registrar 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. The fee for transcripts is four dollars ($4.00) for each copy. 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.

NOTE: IF YOU WILL NEED OFFICIAL TRANSCRIPTS **AFTER** FINAL EXAMINATIONS PLEASE ORDER THEM BEFORE CLASSES TERMINATE.

Transfer to other Institutions

If you plan to transfer from Vancouver Community College, Langara to another educational institution, you should consult the Registrar of that institution to determine the transferability of courses you have taken at Langara. 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/program is yours.

STUDENT CONDUCT

Students enrolled at Langara must recognize their responsibilities to the College, to faculty, and to other students. Failure to maintain appropriate standards of conduct will result in disciplinary action by the College President, the Campus Principal, the Dean of Administrative and Student Services, the Dean of Instruction, or members of faculty or administration acting as the President's delegate.

MISCONDUCT

Student misconduct includes but is not limited to the following:

a) Disruption of classroom activities or hindering the learning of other students anywhere in the College.
b) Plagiarism. Plagiarism is the presentation of another person's work or ideas without acknowledgement. Students unclear about the definition of plagiarism should consult The College Style Sheet, page 18.
c) Cheating on assignments or examinations.
d) Behaviour which interferes significantly with College operations, disrupts education, endangers the health or safety of staff or students, or damages College property.
e) The possession or sale of intoxicating beverages on campus without the permission of College administration.
f) The possession or use of illicit drugs on campus.
g) The falsification of documents or the supplying of false information in order to obtain admission to classes.
h) The possession of weapons.
i) The failure to return loaned materials or settle debts with the College.

DISCIPLINARY MEASURES

Disciplinary action may include:

a) A reprimand or warning.
b) A failing mark for an assignment or a course.
c) Required withdrawal from a particular class or classes.
d) Suspension or expulsion from the College.
e) Withholding of official transcripts.
f) Suspension of campus privileges.
g) Other disciplinary action which The College President deems appropriate in the circumstances.

** Non-compliance with discipline may result in further disciplinary action being taken.

APPEAL BY STUDENTS

Students may appeal suspension or expulsion from the college through the grievance procedure. Students may appeal a final grade through the Appeal of Final Grade Procedure. Copies of these procedures are available at the Registrar's office.

HARASSMENT

Vancouver Community College is committed to the principle that all members of the college community have the right to work and study in an environment which is free from harassment. The college does not condone and will not tolerate harassing behaviour which may undermine the dignity, self-esteem, and productivity of any student(s) or employee(s).

The College considers any form of harassment of an individual involved in College activities to be a serious violation of that individual's fundamental rights. Such a violation is a serious offence which may be subject to a range of resolutions including mediated settlement or, in certain circumstances, disciplinary measures up to and including dismissal or expulsion. For confidential information and advise, please contact the Harassment Issues Advisor, Heather MacFadgen at 871-7040 Monday to Thursday (Wednesdays on campus, Langara Health Services, 324-5498). If you are unable to meet during these hours another time will be arranged.

GRIEVANCE PROCEDURE

This procedure is provided to deal with disputes between the student(s) and the college.

Please contact the Office of the Registrar for details of Grievance Procedure.

STUDENT/FACULTY RESPONSIBILITIES

1) You have a responsibility to be familiar with all policies at Langara as laid out in this calendar. In any case of dispute, ignorance of regulations cannot be used as an excuse.
2) The College recognizes ACADEMIC FREEDOM. For clarification of the term academic freedom see either the Dean of Instruction or the Dean of Administrative and Student Services.
3) 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.
4) 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 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 Office of the Registrar, the Records Office, the Counselling Department, the Admissions Office, and the Financial Aid 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, building services (parking and cleaning), refunds and tax receipts and the Student Union.

Orientation Day for New Students

Orientation is an important part of enrolment at Langara. Every year the Counselling Department hosts an Orientation Day for new students. Participating in this event is an excellant way to find out more about Langara and to prepare for college studies.

Counselling Department

The Langara Counselling Department responds to the needs of currently enrolled and prospective students by encouraging their educational success and personal growth. The counsellors are professionals, trained to provide a variety of counselling services. Appointments are available between 0900 and 1830 hours Monday through Thursdays and between 1100 and 1600 hours on Fridays. For an appointment, please phone the receptionist at 324-5505. Drop-ins are available for emergency situations or short consultations. The Counselling Department is located on the main floor of the Academic Building.

Career Counselling
Counsellors help students to identify and develop their career goals through individual and group counselling. This process assists students to identify their interests, abilities, values and needs, to explore career information and to make career decisions. Vocational testing may be used when appropriate.

Personal Counselling
Counselling is available to assist students in resolving personal issues that may effect their academic performance or well-being. Issues may include stress management, adjustment to college, interpersonal relationships, communication skills, assertiveness training, and self-esteem. Referrals are made for students requiring long-term counselling or therapy.

Educational Counselling
Counselling is provided to assist students in choosing courses that will meet their educational goals. Current information about university transfer courses and Langara's career programs is maintained and provided by the Counselling Department.

A collection of university and college calendars, occupational dictionaries and career information is maintained in the library.

Workshops
A variety of workshops are offered each semester to promote student success.

They include:

- Career Planning
- Study Skills
- Test Anxiety
- Communication Skills
- Memory
- Stress Management
- Assertiveness Training
- Mature Students: Skills for Success
- Self-Esteem
- Time Management

Students may sign up for these workshops in the Counselling Department. They are offered free of charge.

Information and course planning sessions are available for prospective students.

Office of the Registrar

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

a) calendars
b) applications for admission and all information pertaining to admissions
c) LARS Guide including semester schedule
d) information about the registration process

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 students enrolled at Langara
e) contact with security and building maintenance personnel
f) application forms for employment as a student aide

The Office of the Registrar also handles all matters concerned with grading, including:

a) appeal of final grades
b) aegrotats (owing to illness or other special circumstances, examinations are not written). (See Final Examinations page 17.)
c) information concerning the withholding of marks

In addition, the Office of the Registrar provides 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) determination of diplomas for Arts and Science programs.
c) proof of registration letters
d) change of address and change of name forms (official documentation required for name change)
e) education deduction forms
f) evaluation of applications for Associate Degrees

Lost and Found

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

DISABLED STUDENTS

To provide for the special needs of the disabled 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 timetabling
- individual campus orientation tours
- campus accessibility information and maps
- special arrangements for examinations if necessary
- student aides to assist in note-taking, library research, lab work, typing
- reserved parking area for cars with official stickers
- lockers available through Student Union office
- financial advice and assistance from Financial Aid Office located 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, computer, echo speech synthesizer, soft vert disc, etc., on the 2nd floor
- Human Performance and Recreation — contact the Human Performance and Recreation Department for recreational counselling and information
- Language Proficiency Index Test and Mathematics and Chemistry Diagnostic Tests in braille, large type
- Guided Independent Study (cassette/tutorial) courses being offered: English 127 and 229; French 115, 215, 117, 217, 119 and 219; Sociology 120 and 121; and Psychology 115 and 215
- Students are encouraged to make their needs known as early as possible prior to each registration in order that we may offer them the greatest assistance.
- An "Access Handbook" is available on request.

SUPPORT SERVICES

Bookstore

The Bookstore, at the south end of the Library, street level, 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.

The Langara Learning Centre

The Centre offers courses, workshops and tutoring to help students develop skills and meet the academic expectations of college courses.

Location: L403 Library, and A212 Academic Building

SERVICES AND PROGRAMS:

Reading and Writing Skills Development (3)

For students who have college level English but wish to improve reading and composition skills. The course carries regular grading and college credit but **not university transfer credit.**

Prerequisite: LPI Essay Score of at least 24/40.

Tutoring in Mathematics and English.
This service is offered primarily to first or second semester students in need of extra help. Tutoring hours are posted on the door of A212.

Self-Study Media
There is a special collection of cassettes, filmstrips, videotapes and computer software in the Media Library on the second floor of the Library.

* *Note:* The Mathematics Department also offers Mathematics Skill Development 100(3), a course in the fundamentals of arithmetic and algebra. See listing under Mathematic's Courses.

Health Services

The College Health Service provides free and confidential health care to students while at the college. **Students must be aware that they are responsible for their own Health Insurance coverage outside the College.**

Hours: Monday to Friday 0830 to 1630
Phone: 324-5256
Location: West side of quiet study area off the main concourse.
Emergency Number: Dial 4444
Personnel: Community health nurse, physician, psychologist, psychiatrist and receptionist/first aid attendant.

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

The Library

The library, is housed in the 5-storey building, just west of the academic building. The library offers many services and collections to assist students with their research and study. The resources include books, periodicals (magazines), newspapers, many specialized files, and a large media collection.

A library guide and map are available to describe the specific locations of materials and services in the library.

REFERENCE AND INFORMATION SERVICE

A reference librarian is always available to help students and instructors locate materials for learning and teaching. Reference is located on the mezzanine level of the library.

CATALOGUES

The library's collection is listed in an online computer catalogue. The catalogue includes materials available from the three VCC campus libraries: Langara, King Edward, and City Centre. Public access terminals are provided on all floors of the library.

STUDY SPACE

The main study areas are found on the third, 3-south, fourth, and fifth floors of the library. A limited number of study spaces are available on all other floors for the use of the materials or equipment on that floor.

THE RESERVE COLLECTION

Some textbooks and other books and articles selected by instructors as required reading are kept in the Reserve Collection on the first floor. Reserve materials may be signed out on short term loan.

PERIODICALS (MAGAZINES)

The library subscribes to many popular and academic magazines. Periodicals and some newspapers may be signed out overnight at the Periodicals Desk on the second floor.

MEDIA COLLECTION

Audiovisual materials (videos, films, slides, language tapes, etc.) are available on the second floor. Equipment for their use is provided in two labs. Some items may be signed out.

PHOTOCOPIERS

The library has three photocopiers for public use: two on the first floor and one on the second floor.

TYPEWRITERS AND WORD PROCESSING

Typewriters for student use are located on the first floor. Registered students may use the library microcomputer lab for word processing.

MICROCOMPUTER LAB

The second floor microcomputer lab is available for registered students during library hours. Lab aides are in attendance for selected posted hours.

LIBRARY SKILLS

Students can learn how to use the library efficiently by completing a self-paced library skills lab. These labs are distributed in orientation classes scheduled at the request of instructors. They may also be obtained at the Reference Desk. "Library Tactics" handouts have been prepared by the librarians to explain how you may start your library research in a number of specific subject areas.

SIGNING OUT MATERIAL

To sign out materials, you must be a registered student. Your student photo ID is your library card. You are responsible for all items checked out on your card. Fines are levied on overdue materials. Patrons are charged for any books which are lost while in their possession; the charge includes the cost of replacement and processing charges. College policy is to withhold marks for any student owing library fines or with outstanding loans at the end of the semester. Check the "Library Information" sheet for further information on library loans policy.

INTERLIBRARY LOANS

The library belongs to the B.C. Post-Secondary Interlibrary Loan Network and may obtain books and periodical articles not available at VCC from other libraries for students. Ask for assistance at the Reference Desk.

LIBRARY HOURS

Hours may change. Please check posted hours in the library.

Fall and Spring:	
Monday through Thursday	0800 to 2100 hours
Friday	0800 to 1630 hours
Saturday	1200 to 1700 hours
Sunday	closed
Summer:	
Monday, Thursday, Friday	0900 to 1630 hours
Tuesday, Wednesday	0900 to 2100 hours
Saturday, Sunday	closed
Intersession:	
Monday through Friday	0800 to 1630 hours

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 tags) will be towed away at the expense of the owners. Disabled students should contact the Security Office of Langara for special parking facilities.

Human Performance - Recreation

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 114.

2) Intercollegiate Athletics: Langara competes in the Totem Conference which includes two-year post-secondary institutions in the province. Institutions compete in the following sports — for men and women: soccer, basketball, volleyball, and badminton.

   Langara is also a member in good standing of the Canadian College Athletic Association and participates in national championships in men's and women's volleyball, basketball, badminton, and men's soccer. Women's soccer is currently played at the provincial championship level.

3) Intra-Mural (Campus Recreation) Program: The Intra-Mural program at Langara 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, exercise circuit, and weight training.
   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.

Student Union

Formed in 1969, the Langara Students' Union is an organization comprised of all registered students at Langara. Membership in the Union begins at registration upon the payment of membership fees. Membership ceases at the end of the semester following the last semester of studies.

In 1981, the Langara Students' Union joined with 65 other college and university students' unions from across Canada to form the Canadian Federation of Students, Canada's national union of students. The Langara Students' Union works through the Federation towards positive change on educational issues, provincially and nationally.

On campus, the primary function of the Students' Union is the protection and advocacy of the rights and interests of its members. The Union actively works for positive change on issues effecting students directly, such as student financial assistance, and indirectly, such as world peace.

In addition, the Students' Union operates as a co-operative, providing services to members. These include an inexpensive photocopy service, a student discount program and more. From time to time, the Students' Union also holds social functions in the Students' Union Building located on the southwest section of the campus.

Both further information and copies of your Students' Union Constitution and By-laws are available from the main office of your Students' Union Building.

V.C.C. Alumni Association

Don't leave without us! After you graduate, stay in touch with instructors and classmates through the VCC Alumni Association. College services such as library access and continuing education are also available to former students at discounted rates through the association.

We are an independent non profit organization open to all graduates and former students of the three campuses of the College.

We work to maintain a network of contacts with former students to support their career endeavours and to raise the profile of the College and its programs in the community. The Alumni Association plans an annual career fair bringing community employers together with students and alumni to help them explore career options.

We also support current VCC students with bursaries and scholarships through fundraising activities.

As a community college, VCC needs to maintain strong links with the community it serves. As former students and lifelong learners, VCC Alumni Association members can provide that link to mutual advantage.

Please take the opportunity to register with the Alumni Association when you complete your studies. For more information call the Alumni Association at 871-7147, Fax 871-7200.

THEATRE - STUDIO 58

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 (acting option), four-term (production option) professional training programs 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. Reservations are advised. Most performances start at 2000 hours. Call 324-5227 for more information.

COURSE DESCRIPTIONS

Course Numbering

All credit courses 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 parentheses following. In many cases, courses carry descriptive titles and these follow the course name and number.

Example: History 117 (3)
B.C. History I

In general, the first digit of the three-digit course number indicates the semester in which you may first take the course. For example, because the first digit of CHEMISTRY 217, is "2", you may not take this course until you have completed at least one previous course in chemistry — in this case CHEMISTRY 117.

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 semester 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 rests with you.

Credits

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

Credits are indicated in parentheses 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.

Guided Independent Study Courses

Langara offers a number of guided independent study courses which use a combination of print materials, cassette tapes, and tutorials. These courses, not all of which may be available through G.I.S. every semester, are: English 127, 128 and 229; French 115, 215, 117, 217, 119 and 219; Psychology 115 and 215; Spanish 115 and 215; and Sociology 120 and 121. 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.

Courses Offered

The courses listed in this calendar with few exceptions will be offered at Langara during the three semesters comprising the 1993/94 College year. Not all courses will be offered during any one semester. Offerings depend upon the number of students registered for various courses, and the availability of faculty and classroom accommodation.

COLLEGE PROGRAMS AT LANGARA

College Programs

A college course at Langara 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 Science Programs

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 Human Performance - Leisure Studies. 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 an Associate of Arts, Associate of Science, or a College Diploma in Arts and Science, to specialized training in a career field, or to advanced study at other post-secondary institutions. Many of these programs are available through evening classes.

College Career Programs

Langara offers career programs developed with the co-operation of community-based advisory committees in fields which lead to careers in the arts, business, industry and community services. Because of their specialized

nature, career programs allow students to enrol in only a limited number of electives.

To apply for admission to a career program, you must submit a special application (available from Student Services). Applications are considered in the order in which they are received. It is advisable to submit your application prior to April 30 if you are considering a September intake program. The earliest that you can submit an application for programs commencing in September is October 1, of the previous year and applications should be submitted as soon as possible after that date. 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 times other than September.

Students who would like to apply for the Arts and Science program in the event they are not accepted in a career program should submit as application as per the procedures for enroling for the first time in Arts and Science programs. See page 12.

Career programs are usually either two or four terms in duration, requiring one or two years to complete. Exceptions: Court Reporter and Food Services Supervisor/Technician — five terms; Accounting Co-operative Education, Nursing, Computer Information Systems Co-operative Education and Theatre Arts — six terms. 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-operative Education Programs

Langara's Co-operative Education Programs enable students to integrate academic studies with related, practical work experience. Co-op students alternate terms of classroom studies with terms of paid, full time employment with a participating employer. The primary goal of co-operative education is to help students develop the hands-on skills and confidence necessary to succeed in today's competitive job market. Co-operative Education can help break down the "no experience - no job" barrier.

The College's Co-op officers develop career related work placements with suitable local businesses, government and non-profit organizations. Through a competitive application, interview and selection process, students are matched with the co-operating employers. Employers make the final hiring decision. Although every effort is made to arrange placements, the College cannot guarantee that a student will be selected for a placement.

Work Term

There are two work terms in each co-op program. Each is generally four months in duration (minimum 12 weeks) and work terms occur in the Summer & Spring semesters. Because of the intake in every semester, work terms for the Computer Information Systems program can occur in the Summer, Fall and Spring semesters.

During each work term, the Co-op Officer monitors the progress of each student on the job through telephone contact and at least one visit to the work site.

At Langara, the following programs currently offer a co-operative education option:

- Accounting
- Computer Information Systems
- Arts and Science (Computer Systems Technologist)
- General Insurance
- Marketing and Sales
- Realty Appraisal

Admission Requirements

In order to participate in the co-op option for a program, students must:

- be enrolled as a full time student in their program
- achieve and maintain a cumulative GPA of 2.6 ("B-") with no grade less than "C"

Co-operative Work Term Credit

To receive full credit for a work term and to qualify for a subsequent work term, each student must:

- receive a satisfactory evaluation from the employer's designated work placement supervisor (six credits)
- have completed a formal written work term report which will be graded by a faculty member (one credit)
- remain enrolled as a full time student in subsequent academic term

Graduation

Students successfully completing all requirements for each academic term and each co-op work term in a program will be awarded a diploma with Co-operative Education designation.

Fees and other Costs

Seven credits are earned for each co-op work term. The fee for each credit is the same as for a normal academic credit. Students are responsible for all work term related expenses such as transportation, accommodation and meals.

Note: For further information, contact the Co-operative Education Office at 324-5492. The Co-operative Program Assistant is located in the General Office, Room A247.

College Co-ordinated Programs

Diploma programs combining work at two or more Vancouver Community College Divisions are available in a number of specialties. Many of the programs offered at City Centre, 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 City Centre. (See page 39).

EXTERNAL STUDIES PROGRAMS (FIELD SCHOOLS)

These are one-semester interdisciplinary programs, offered from time to time, which include several weeks of travel and study in other countries. Students will be introduced to discipline specific studies relative to the countries in which they are travelling. Exact format will vary with each program.

ENGINEERING - UNIVERSITY TRANSFER

The program provides courses needed for equivalence to the first year of the University of British Columbia Applied Science Program. Most of the courses are courses that would be taken by many students planning further studies in the physical sciences at any college or university, but two of the courses (Physics 219 and Computer Science 340) are particular to U.B.C.'s Applied Science program. The program is not sufficient on its own for a V.C.C. certificate or diploma, although it could serve as the first year towards a diploma in Arts and Science.

Transfer to U.B.C. second year Applied Science or to other faculties or institutions will depend on those institutions and each application will be considered on its merits. The need to maintain a high grade-point average and to demonstrate the ability to handle a heavy course load cannot be overemphasized.

CURRICULUM

FIRST TERM (Fall)
Mathematics 171
English 127 or 128
Computer Science 135
Chemistry 120
Physics 125 preferred
or Physics 115

SECOND TERM (Spring)
Mathematics 271
Mathematics 362
English 229 or 230
Chemistry 220
Physics 225 preferred
or Physics 215
Physics 219

THIRD TERM (Summer)
Computer Science 340

APPLICATION PROCEDURE

Students should apply to Langara as Arts and Science students and register in the term one courses on an individual basis. During October, students should obtain an application form from the Counselling department and return it by October 31st. Admission to the program will be based on the grades received in and prior to the fall semester. A high grade-point average and demonstration of the ability to handle a heavy course load will be determining factors.

Admission will guarantee seats in the required courses in the second and, if necessary, third terms.

CERTIFICATES, DIPLOMAS AND ASSOCIATE DEGREES

NOTE: To receive a certificate, diploma, or associate degree you must apply for graduation at the Student Services Centre prior to March 15, for a certificate, diploma, or associate degree 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, diploma, or associate degree requirements, regardless of the term/semester.

PREREQUISITES

NOTE: Please remember, many of the listed courses in these programs have PREREQUISITES. You must refer to that section of the calendar where course descriptions are listed to obtain information about prerequisites on any and all courses.

CERTIFICATES

If you complete successfully the requirements of a Certificate Program (length of certificate programs vary) at least 50% of which MUST be completed at Langara...this 50% must be the final 50% of your program), you are eligible to receive a Langara Certificate. In the 1993/94 college year, Langara will offer the following certificate programs:

Accounting Post Diploma
Computer Information Systems Post Diploma
* Early Childhood Education
Early Childhood Education: Special Education
Post Basic Journalism
Realty Appraisal
* Recreation Facilities Management Post Diploma
Recreation Leadership Post Diploma
Small Business Development
Social Service Worker
Special Education Assistant

* The Early Childhood Education Program and the Recreation Facilities Management Program require the satisfactory completion of three terms of study.

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

Exceptions are, the Computer Information Systems Program, the Arts and Science (Computer Systems Technologist) Co-operative Education Program, the Accounting Co-operative Education Program, the Marketing and Sales Co-operative Education Program, the Nursing Program and the Theatre Arts Program which require the satisfactory completion of six terms of study; the Court Reporter Program and the Food Services Supervisor/Technician Program require five terms. In addition, graduation from the Arts and Science (Computer Systems Technologist) Program requires a "C" or higher standing in all courses.

In the 1993/94 college year, Langara will offer the following Diploma programs.

Arts and Science
Arts and Science (Canadian Studies) (See page 32)
Arts and Science (Classical Studies) (See page 32)
Arts and Science (Commerce) (See page 32)
Arts and Science (Computer Systems Technologist) (See page 33)
Arts and Science (Environmental Studies) (See page 35)
Arts and Science (European Studies) (See page 35)
Arts and Science (Family Studies) (See page 36)
Arts and Science (Labour Studies) (See page 36)
Arts and Science (Latin American Studies) (See page 36)
Arts and Science (Pacific Rim) (See page 37)
Arts and Science (Peace and Conflict Studies) (See page 37)
Arts and Science (Women's Studies) (See page 38)
Accounting
Accounting Co-operative Education
Art in Merchandising
Business, Finance and Investment Management
Coaching and Instruction
Computer Information Systems
Computer Information Systems Co-operative Education
Co-ordinated Studies
Court Reporter
Criminal Justice
Exercise Science
Fine Arts
Food Services Supervisor/Technician
General Education
General Insurance
General Insurance Co-operative Education
International Business
Journalism
Leisure Studies
Library Technician
Marketing and Sales
Marketing and Sales Co-operative Education
Nursing
Professional Photography
Realty Appraisal
Realty Appraisal Co-operative Education
Recreation Facilities Management
Recreation Leadership
Theatre Arts

A diploma requires the successful completion of at least 60 credit hours with at least 6 credit hours in the English Department and a minimum of 50% of your studies at Langara. This 50% must be the final 50% of your studies. For any exceptions to this regulation prior approval must be obtained. Please make application to the Graduation Adjudication Committee in Student Services. (See page for information on transfer credit).

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

General requirements for the Arts and 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).

ASSOCIATE DEGREES

In 1993, Langara will begin to award Associate of Arts and Associate of Science degrees. The following indicates the specific requirements for these degrees. For further information please contact the Office of the Registrar.

ASSOCIATE OF ARTS (A.A.)

Specific requirements for:

Associate of Arts

1. Six credits in first-year English; and
2. Eighteen credits in first-year Arts other than English, of which six credits shall be in the Social Sciences and six credits in Humanities, including the creative and Performing Arts. No more than six credits shall be in any one subject area; and
3. Eighteen credits of second-year Arts in two or more subject areas; and
4. Nine credits in Science, which must include three credits in Mathematics or Statistics or Computing Science, and three credits in a Laboratory Science; and
5. Nine credits of first-or second-year courses.

(No course will be used to meet more than one of the specific requirements.)

Students must obtain a "C" grade or higher in all courses that will be applied to the degree. The last 50% of courses used towards the degree must have been completed within the last 5 years.

ASSOCIATE OF SCIENCE (A.Sc.)

Specific requirements for:

Associate of Science

1. Six credits in Calculus; and
2. Eighteen credits in first-year Science, of which no more than six credits shall be in any one subject area; and
3. Eighteen credits in second-year Science in two or more subject areas; and
4. Six credits in first-year English; and
5. Six credits in Arts other than English (excluding Mathematics and Laboratory-based Science courses); and
6. Six credits of first-or second-year courses.

(No course will be used to meet more than one of the specific requirements.)

Students must obtain a "C" grade or higher in all courses that will be applied to the degree. The last 50% of courses used towards the degree must have been completed within the last 5 years.

Appeals

You should submit appeals regarding evaluation to the Graduation Adjudication Committee through the Registrar's Office.

Dean's List

Associate Degrees, Diploma or certificate candidates who achieve a grade point average of 3.50 or greater in each of any two semesters in the twelve-month period prior to their completion of the diploma/certificate requirements at Langara and who were registered in 12 credit hours or more in each of the two semesters are eligible to be placed on the Dean's List. The Dean's List is printed once a year in the May Graduation Ceremonies Program.

ARTS AND SCIENCE DIPLOMA PROGRAMS

ARTS AND SCIENCE

This diploma allows a degree of concentration in academic areas of interest for those students who plan two years of college study. With appropriate selection of courses, this diploma is suitable for students planning studies beyond the two-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 (these courses are designated by an asterisk in the calendar). Students must include one of English 127 or English 128 and one of English 229 or English 230 within the above-mentioned 45 credit hours. If you so wish, all or some of the remaining 15 credit hours may be selected from Career Courses.

ARTS AND SCIENCE (CANADIAN STUDIES)

For the Diploma in Arts and Science (Canadian Studies) you must complete:

1) Two Canadian Studies "core" courses chosen from:
   Canadian Studies 110, 120, 130 and 140
2) All THREE of the following courses:
   History 116
   History 216
   English 325
3) The requirements of the diploma in Arts and Science, including at five of the following Canadian content courses with a maximum of two courses from any one discipline: Anthropology 150, 180, 240; Economics 115, 116, 221; French (any course); Geography 120, 130, 150, 155; History 117, 217, 369, 161; Philosophy 226; Physical Education 261; Political Science 119, 209, 219; Sociology 121; Women's Studies 116, 216; or any additional Canadian Studies Courses.
4) Attendance at a one-semester series of lectures on Canadian topics — Canadian Studies 105 (No registration fee).

OR

Satisfactory completion of one Special Project specifically related to Canadian Studies to be supervised and determined by the department.

ARTS AND SCIENCE (CLASSICAL STUDIES)

Langara offers a diploma program in Classical Studies which gives students an opportunity to become familiar with the inspiring heritage of Greco-Roman civilization.

For the Diploma in Arts and Science (Classical Studies) you must complete:

1) Classical Studies 101, 201
2) Latin 115, 215 or Greek 115, 215 or History 111, 211.
3) The requirements of the diploma in Arts and Science including at least four of the following: Anthropology 170, 185; Art History 114, 214; English 181, English 327 (designated section); History 113, 114, 213; Philosophy 100, 101; Religious Studies 230; and other such relevant courses as may be offered from time to time.
4) Registration and attendance for one semester at a weekly colloquium on classical topics - Classical Studies 105 (No registration fee.)
5) The Classical Studies Committee will review all applications for the diploma and may under special circumstances consider alternatives to the requirements.

Counsellors can give further advice or if you seek more detailed information contact the Co-ordinator of Classical Studies.

ARTS AND SCIENCE (COMMERCE)

The program provides courses needed for equivalency to the University of British Columbia pre-Commerce and first Commerce years. The program also provides a basis for entry into general business fields, and a business-oriented direction for mathematically inclined students. The program leads to a Diploma in Arts and Science (Commerce).

Transfer to U.B.C. second year Commerce will depend on that institution and each application will be considered on its merits. The program in place at Langara is geared specifically to U.B.C. PLEASE SEE A COUNSELLOR REGARDING S.F.U. or University of Victoria REQUIREMENTS.

The need to maintain a minimum cumulative grade point average (C.G.P.A.) of 3.0 cannot be overemphasized since a quota is maintained by all three universities.

The typical Pre-Commerce Year (First Year, Arts and Science) appears as follows: Students register independently in the Academic Division.

FIRST TERM	SECOND TERM
English 127	English 229
Economics 220	Economics 221
Mathematics 174	Mathematics 274 (Note 1)
Academic Elective	Academic Elective (Note 2)
Academic Elective	Academic Elective

Notes:

1. Students who have completed Mathematics 153/253 or Mathematics 171/271 will be considered provided Mathematics 274 is completed in second year.
2. Students are advised not to enrol in U.B.C. Commerce equivalent or Statistics courses. It is recommended that the language requirements for the Faculty of Arts be completed at this stage if they have not already been completed at the secondary school level. A Computer Science course is also recommended.

Once the above curriculum is complete, students may apply for admission to the one year Commerce Transfer Program. This program commences each September and admission is based on the student's

C.G.P.A. (3.0 minimum preferred). Admission will guarantee seats in the required courses.

THIRD TERM	FOURTH TERM
Accounting 253	Accounting 294
Economics 251	Economics 297
*Mathematics 310	*Statistics 225
*Statistics 181	Organizational Behaviour 321
Business Procedures 115	Elective
Elective	

Note: Economics 252 is recommended as one of the electives.

* All three courses must be completed to obtain credit for Commerce 290 and 291.

Notes:

1. If you do not already have Computing Science, one of the electives should be Computer Science 131 or Computer Science 135.
2. Public Speaking is now a required course for U.B.C. (non-credit), and must be taken there in 2nd year Commerce.

ARTS AND SCIENCE (COMPUTER SYSTEMS TECHNOLOGIST)

Langara's two year Computer Systems Technologist Program (CST) is an exemplary model program of study which leads to an Arts and Science Diploma. It provides a broad skill profile and a strong academic education for those who are interested in computer hardware and software as well as data communications technologies. CST graduates work in a wide spectrum of computing areas and use its extensive university transfer component to pursue their higher academic goals. While offering these benefits, the CST program continues to offer the traditional advantages of a college program including small class size, a shorter program of study and paid work experience terms. A Co-operative Education Option is available to students who qualify.

Admission Requirements:

"C" standing in Mathematics 12 and Physics 11 (or equivalent) together with acceptable standings on the English and Mathematics tests. Students are advised to have touch keyboarding skills of at least 15 wpm on entry to the program.

In addition, each applicant must submit a recent transcript of grades plus a short composition as to why you wish to enrol in this program.

CURRICULUM

(Courses preceded by diamonds have potential for transfer credits)

FIRST TERM (Fall)	SECOND TERM (Spring)
Computer Science 131	✦Computer Science 235
✦Computer Science 135	Computer Science 270
Computer Science 190	✦Computer Science 290
✦Mathematics (100 level)	✦Mathematics (200 level)
Communication 119	

THIRD TERM (Fall)
✦Computer Science 335
✦Computer Science 345
✦Computer Science 436
✦Computer Science 565
Communication 219

FOURTH TERM (Summer)
✦Computer Science 480
✦Computer Science 580
Computer Science 590
Computer Science 695

Notes:

1. No courses will be offered during the first Summer and second Spring semesters. These terms/semesters are for Co-operative education. Students who do not elect the Co-op option or do not secure work placement are strongly advised to find practicum positions to gain experience.
2. For description of courses, see pages to .
3. Substitution of courses or exemptions can be made only by permission of the Program Co-ordinator or the Computer Science Department Chair.

   A student must earn a grade of "C-" or higher in all program courses to be eligible for the diploma. In addition, a grade of "C" or higher is required in those Computer Science courses which are prerequisites to other Computer Science courses.

ARTS AND SCIENCE (COMPUTER SYSTEMS TECHNOLOGIST) CO-OPERATIVE EDUCATION OPTION

Students working to participate in this option must have above average academic grades and demonstrate potential for success in their chosen professional field.

Work terms are four months long and begin each May and January. Student wages are comparable to those of regular entry level employees with similar skills engaged in similar work.

Employers willing to participate in the program supply a job description to the College. The position is posted, and interested students submit their resumes to the Co-operative Education Officer, who transmits them to the employers and arranges the interviews. Students are chosen for work placement by the employer, who sets the terms of employment, salary and benefits. The selection process is normally completed one month prior to the commencement of the work placement.

Co-operative education has proven to be of great benefit to students, employers and the College. Students have the opportunity to apply their knowledge in a practical work setting and to gain practical work experience before commencing their professional careers; employers gain knowledgable manpower for short term projects; the College has the ability to modify its program based on student and employer feedback.

Admission Requirements:

In order to be admitted to the Co-operative Education Option:

- You must maintain a minimum GPA of 2.6 in each term and receive no grades below "C" in any subject.
- You must carry a full course load. Some exceptions to this rule may be made in situations where students have previously completed a course at Vancouver Community College or have a transfer credit from a post-secondary institution.

Also see "College Co-operative Education Programs" page 28.

CURRICULUM

(Courses preceded by diamonds have potential for transfer credits)

First Year:

FIRST TERM (Fall)
Computer Science 131
✦Computer Science 135
Computer Science 190
✦Mathematics (100 level)
Communication 119

SECOND TERM (Spring)
✦Computer Science 235
Computer Science 270
✦Computer Science 290
Mathematics (200 level)

THIRD TERM (Summer)
Co-op Education
Work Term 1
Computer Science 398
Computer Science 399

FOURTH TERM (Fall)
✦Computer Science 335
✦Computer Science 345
✦Computer Science 436
✦Computer Science 565
Communication 219

FIFTH TERM (Spring)
Co-op Education
Work Term 2
Computer Science 598
Computer Science 599

SIXTH TERM (Summer)
✦Computer Science 480
✦Computer Science 580
Computer Science 590
Computer Science 695

Notes:

1. For description of courses, see pages to .
2. Substitution of courses or exemptions can be made only by permission of the Program Co-ordinator or the Computer Science Department Chair.

ARTS AND SCIENCE (ENVIRONMENTAL STUDIES)

Environmental Studies is a two-year diploma program offered at Langara. Part of the Arts and Sciences selections within the Department of Interdisciplinary Studies, the program is designed to prepare students for a wide range of positions in government and the private sector.

Features of the program include courses in applied ecology, environmental law and contemporary environmental issues.

Admission Requirements:

General College entrance requirements apply, as do the Diploma requirements for Art and Science programs at Langara.

Diploma Program Requirements:

Curriculum

FIRST TERM
Biology 180
Geography 155
Chemistry 117
English 127 or 128
One elective

SECOND TERM
Biology 280
Geography 190
Chemistry 217
English 229 or 230
One elective

THIRD TERM
Geography 180
Environmental Studies 390
Philosophy 100
Two electives

FOURTH TERM
Environmental Law 410
Environmental Studies 470
Philosophy 202
Two electives

NOTES:

1) For students planning to go on to a university degree in sciences, Biology 115/215 and Chemistry 120/220 should be taken.
2) Selection of electives is critical to those students planning to proceed beyond the two-year program. Consultation with the Counselling Department is advised.

Electives:

Anthropology 120, Biology 115/215, Biology 315/415, Biology 340, Biology 380, Economics 115, English 327, History 117/217, Philosophy 104, Philosophy 105, Political Science 119, Political Science 219, Statistics 123, Geology 110/210, Geography 150, Communication 115, Communication 118, Chemistry 316/416.

ARTS AND SCIENCE (EUROPEAN STUDIES)

The Diploma in Arts and Science (European Studies) offers an interdisciplinary approach to understanding the societies and cultures of contemporary Europe. The program draws on the perspectives of social sciences, humanities, and modern languages to outline and analyze the key questions about major developments in 19th and 20th century Europe.

Diploma Program Requirements

For the Diploma in Arts and Science (European Studies) you must complete:

1) English 127 or 128, English 229 or 230, European Studies 102 and 202, History 115, and Sociology 120 (designated section).
2) At least five of the following courses with significant European content:
   Economics 118
   Political Science 150 (European content)
   History 214, 330 and 333
   Sociology 200 and 223 (European content)
   English 327 (European Literature in English Translation)
   Geography 270 (European content)

   ONE Modern European language course. While only one 3-credit course may be counted among the minimum five courses with significant content in European Studies, students are encouraged to include more modern European languages courses among their electives.

3) Courses taken in any European Studies designated external studies program will count towards the European Studies Diploma subject to the approval of the program Co-ordinator.

ARTS AND SCIENCE (FAMILY STUDIES)

Family Studies is a two-year Diploma Program for individuals interested in understanding the nature of long-term relationships to further personal and/or career objectives. It is the only such program offered in the B.C. College system.

Requirements:

A Family Studies Diploma requires 60 credit hours of study. This includes 45 credit hours of courses from one or more of the English, Modern Language, Humanities and Social Sciences OR Mathematics and Science Divisions. Within those 45 credit hours students must include English 127 or 128 AND English 229 or 230. Students must also achieve a minimum "C" GPA in the programs' core course offerings to be awarded a Diploma.

In addition, up to 15 credit hours may include courses from the Career Course selections. As part of the Interdisciplinary Studies Department, the broad range of Career Courses provides students with a sound basis for continuing their study of relationships in any of the following areas: Psychology, Sociology, Education, Social Work or Family Sciences.

Selections from the program's offerings, taken in conjunction with Langara's Social Service Worker Certificate Program, would allow a student to complete a College Diploma in Co-ordinated Studies.

For students wishing to complete a diploma in Arts and Science (Family Studies), selections must include:

ALL of the following courses:
- Sociology 250
- Psychology 319
- Philosophy 227
- English 327
- History 155

Any THREE of the following courses:
- Psychology 323
- Psychology 324
- Psychology 424
- Psychology 425
- Psychology TBA
- Communication 115
- Women's Studies 116 or 216
- Women's Studies 195

ONE of the following options:

Attendance in Family Studies 105 (0) OR completion of a supervised project on a topic related to marriage and/or family issues.

ARTS AND SCIENCE (LABOUR STUDIES)

For the Diploma in Arts and Science (Labour Studies) you must complete:

1) Labour Studies 125, 135, 225, and 235.
2) Labour Studies 105 - attendance during one semester of a series of lectures or films on labour issues (non-credit, no registration fee).
3) The requirements of the diploma in Arts and Science, including at least four of the following:
   - Canadian Studies 130
   - Economics 115
   - Economics 116
   - Economics 195/295
   - English 327: Exploring Literature (Labour)
   - Geography 150
   - History 217
   - Political Science 290
   - Sociology 120/121
   - Sociology 223

NOTE: A student applying for the Diploma in Arts and Science (Labour Studies) must complete at least 60 credit hours of study.

ARTS AND SCIENCE (LATIN AMERICAN STUDIES)

For the Diploma in Arts and Science (Latin American Studies) you must complete:

1) English 127 or 128, English 229 or 230, Latin American Studies (LAS) 100 and 101 and Spanish 115 (or equivalent proficiency).
2) At least four of the following courses with significant Latin American content:
   - Anthropology 160
   - Anthropology 230
   - Art History 117
   - Economics 120
   - English 327 (Latin American Literature in English translation)
   - Geography 195 (Geography of Latin America)
   - Geography 270 (Latin American Content)
   - Latin American Studies 203 (History)
   - Latin American Studies 204 (Literature)
   - Political Science 250 (Latin American Content)
   - Sociology 195 (Sociology of Latin America)

   ONE of Spanish 118, 119, 215, 218, 219, 301, 401 (Note: Only one Spanish course may be counted among the minimum four courses with significant Latin American content, but students are encouraged to include more Spanish courses among their electives. A student who already has credit for Spanish 115/215 or equivalent proficiency may substitute two second year courses for them.)
3) Any course taken as an integral part of a Latin American Studies external studies program will count toward the Latin American Studies Diploma.

ARTS AND SCIENCE (PACIFIC RIM)

When successfully completed, this option will make the student eligible for acceptance to the second or third year of the Department of Asian Studies at UBC, or the second or third year level of the Faculty of Arts, provided all other entry requirements are also fulfilled. With the proper economics and mathematics courses taken at Langara the student may qualify for continued studies in business at a university. Students are responsible for confirming with the appropriate university faculty their selection of transfer courses.

The challenges and opportunities of an international career are many, especially if you are interested in cultural, language, social and political differences between people.

Through a continuation of study at a university, careers in education, research, business management, government and related areas may be made more available to you.

Admission Requirements:

In order to be admitted to the program:

- You must arrange an interview with the counsellor in charge of the Pacific Rim Program. This will be done at the Student Services Centre at Langara.
- You must have completed B.C. Grade XII or equivalent, or be eligible for "Dean's Admission" ("mature student" entry) on the basis of education, experience and other qualifications).
- You must have a good knowledge of the English language, including the abilities to speak clearly and to read, understand and interpret the printed word correctly.
- Preference will be given to applicants with a "C+" or higher average in secondary school English and Social Studies or other studies closely related to the Pacific Rim region. Preference is also given to applicants with a G.P.A. of 2.4 or higher in post-secondary studies completed.
- Preference will also be given to those applicants who demonstrate a sincere desire to begin the study of a Pacific Rim language other than English.
- Applicants should be aware that at the discretion of the Department a personal interview may be required. In addition, an applicant may be required to undergo a Pacific Rim language (other than English) placement evaluation.

FIRST TERM	SECOND TERM
English 127 or 128	English 229 or 230
Pacific Rim 125	Pacific Rim 225
Pacific Rim 135	Pacific Rim 235
Pacific Rim 140	Pacific Rim 240
Geography 160	Geography 150 or 270
Plus Pacific Rim Seminar 105 (non-credit; required)	Plus Pacific Rim Seminar 106 (non-credit; required)
THIRD TERM	**FOURTH TERM**
Pacific Rim 130	Pacific Rim 230
Mathematics/Science elective	Mathematics/Science elective
Plus 3 Electives	Plus 3 Electives

ARTS AND SCIENCE (PEACE AND CONFLICT STUDIES)

Peace and Conflict Studies (PACS) is an interdisciplinary field of study which is concerned with the problem of human conflict, especially violent and destructive conflict, and the means by which it can be constructively and nonviolently resolved. Its interdisciplinary approach to analysis draws on the perspectives of the

physical and social sciences, history, and philosophy. Guest lecturers from these academic disciplines, as well as guests from the active world of conflict resolution — labour mediators, politicians, peace leaders — will enhance the core courses, Political Science 145 (Peace and Conflict Studies 201) and Peace and Conflict Studies 202. Each of the courses listed as requirements for a diploma program in Peace and Conflict Studies adds to an understanding of this most complex and pressing human issue.

Diploma Program

The PACS diploma is a specialized adjunct to the requirements of the Langara Arts and Science diploma. A specialization in this field can lead to further academic study in Peace and Conflict, a growing area in graduate programs in North American universities. Peace and Conflict Studies is also an appropriate preparation for the following career areas: politics and diplomacy; international relief and development; community and social services; public and private administration; counselling; law and corrections; education; clergy.

Diploma Requirements

1) The successful completion of the two core courses:
   Peace and Conflict Studies 201: Peace and Conflict in the Modern World (Political Science 145)
   The history of war; causes and consequences of war; the nuclear threat; the relationship of the arms race to other global problems; arms control and disarmament; Canada's role.
   Peace and Conflict Studies 202: Conflict and Conflict Resolution
   An examination of levels of conflict from the interpersonal to the international. The roots and dynamics of conflict; the means and history of conflict resolution; mediation and peacekeeping.
2) Peace and Conflict Studies 105 - attendance at a one semester series of guest lectures on PACS topics. Journal required.
3) The requirements of the diploma in Arts and Science (60 credits), including at least six of the following (no more than two courses from any one discipline count towards this requirement): Anthropology 120; Biology 180; Canadian Studies 120, 130, 140; Chemistry 117, 217; Economics 116, 117, 118; Geography 100, 155, 160; History 114, 115, 215; Philosophy 100, 105, 226; Political Science, any two (Political Science 100 highly recommended); Psychology 115, 215, 317, 322. Sociology 120, 121, 200, 222, 223, 250.
4) Recommended: From time to time, a specialized course such as "Theories of Human Aggression" or "Religion and War" may be offered under a 195 and/or a 295 number (for example, Psychology 195 and Religious Studies 195). Under English 327, a war and peace focus may at times be offered. Such courses would enrich the diploma program.

Admission Requirements:

You must have completed B.C. Grade XII or equivalent, or be eligible for "Dean's Admission" ("mature student" entry). Some courses may require specific prerequisites.

ARTS AND SCIENCE (WOMEN'S STUDIES)

For the Diploma in Arts and Science (Women's Studies) you must complete:

1) Women's Studies 116 and 216.
2) Women's Studies 272 or 274.
3) Women's Studies 105 — attendance at a one semester series of lectures or films on women's issues. (Non-credit, No registration fee.)
4) The requirements of the diploma in Arts and Science, including at least three of the following: Women's Studies 272 or 274 (which-ever was not taken to meet the above requirements); Women's Studies 195; certain sections of the following courses: Art History 112/212, Biology 160, Canadian Studies 130, Chemistry 217, English 229, 327, Economics 115, History 216, Peace and Conflict Studies 202, Philosophy 225, Political Science 160, Religious Studies 220, 230, Sociology 120, 121. (To be acceptable a section must include 30% Women's Studies content. Check with the Women's Studies Co-ordinator, the Registrar's Office or the Women's Studies Counsellor in the Counselling Department for a current list of approved sections.)

NOTE: IT IS ESSENTIAL THAT EACH STUDENT APPLYING FOR A DIPLOMA IN ARTS AND SCIENCE COMPLETE at least 60 CREDIT HOURS OF STUDY (See page 32).

HUMAN PERFORMANCE AND RECREATION

ACADEMIC STUDIES DIPLOMAS

For Diploma information in:
COACHING AND INSTRUCTION
EXERCISE SCIENCE
LEISURE STUDIES
See pages 110 to 111.

DIPLOMA IN CO-ORDINATED STUDIES

You must successfully complete a recognized Vancouver Community College 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 and Science (30 credit hours) at Langara. You must choose a minimum of 6 credit hours from the offerings of the English Department. Note: this is the only Diploma for which certificate credit may be granted toward a Diploma.

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 and 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.

CAREER PROGRAMS

The following full-time career programs will be offered during the 1993/94 College year.

APPLIED ARTS

Art in Merchandising Program
Journalism (Certificate and Diploma) Programs
Professional Photography Program
Theatre Arts Program

BUSINESS ADMINISTRATION

Accounting Program
Accounting Co-operative Education Program
Accounting Post Diploma Certificate Program
Business, Finance and Investment Management Program
Computer Information Systems Program
Computer Information Systems Co-operative Education Program
Computer Information Systems Post Diploma Certificate Program
General Insurance Program
General Insurance Co-operative Education Program
International Business Program
Marketing and Sales Program
Marketing and Sales Co-operative Education Program
Realty Appraisal Program
Realty Appraisal Evening Program
Realty Appraisal Co-operative Education Program
Small Business Development Program

COMMUNITY SERVICES

Court Reporter Program
Criminal Justice Program
Early Childhood Education Program
Early Childhood Education: Special Education Post Basic Program Food Services Supervisor/Technician Program
Library Technician Program
Social Service Worker Program
Special Education Assistant Program

FINE ARTS

Fine Arts Program

NURSING

Nursing Program

HUMAN PERFORMANCE AND RECREATION

Recreation Facilities Management Program
Recreation Facilities Management Post Diploma Certificate Program
Recreation Leadership Program
Recreation Leadership Post Diploma Certificate Program
The department also offers Academic Programs of study in:
Coaching and Insruction
Exercise Science
Leisure Studies
You should address enquiries regarding career programs to the Student Services Centre.

APPLIED ARTS PROGRAMS

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

ART IN MERCHANDISING DEPARTMENT - PROGRAM

The field of visual merchandising offers employment opportunities for those with a sound knowledge of display, graphic and interior design. The prime objective of the Art in Merchandising Program is to prepare students for a career in the fields of display and visual merchandising as well as to provide an understanding of business, generally and specifically, the nature of the expectations and demands of business as they relate to art.

Students entering this program should have an art-related background with some experience in basic design, drawing, colour theory and drafting. This program directs students toward a career in the business field, particularly display; however, it should be noted that job opportunities in graphic and interior design are limited without further training.

Candidates for this program will be required to present a portfolio of their work when called to a selection interview.

Art in Merchandising studio workshops involve lectures and practical work with emphasis on design related to visual merchandising. Subjects include basic design and colour theory, store planning, perspective drawing and drafting, fashion history, typography, layout and paste up.

Admission Requirements:

In order to be admitted to the program:

- You must have a complete B.C. grade 12 standing or equivalent with Mathematics 11. If you are a mature student with slightly less than the required academic standing, you may be accepted into the program provided you can demonstrate the ability to handle college level academic work.
- Preference will be given to those who have secondary school art courses and drafting.
- To be considered you must attend an interview to which you must bring a portfolio of art work. Examples of some of the following should be included: basic design, commercial design, drawing, drafting and fine art. (Photographs of large or three dimensional work are preferred.) Interviews are usually conducted in May.
- Your application will not be processed unless it is complete and accompanied by a transcript (if applicable). Please refer to the general requirements for enroling for the first time in Career Programs (see page 13).

FIRST TERM	SECOND TERM
Small Business 115	Communication 118
Communication 115	Art History 212
Art History 112	Marketing 115
Art in Merchandising 118	Art in Merchandising 218
Art in Merchandising 128	Art in Merchandising 228
Art in Merchandising 138	Art in Merchandising 238
THIRD TERM	**FOURTH TERM**
Advertising and Sales Promotion 321	Advertising and Sales Promotion 421
Psychology 317	Art in Merchandising 418
Art in Merchandising 318	Art in Merchandising 428
Art in Merchandising 328	Art in Merchandising 438
Art in Merchandising 338	Art in Merchandising Field Work 429

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

NOTES:

1) 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.
2) Be sure to check the prerequisites for the Arts and Science courses which are part of this program.

Art and Merchandising courses are restricted to students enrolled in the program.

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

GRAPHIC DESIGN
The study of type and basic design as applied to advertising. 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 138 (3) and 238 (3)

INTERIOR DESIGN
The study of the elements of design, colour theory and the history of furnishings and architecture as well as drafting and presentation techniques. 2:0:4

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

GRAPHIC DESIGN
Applying the basic design principles of Graphic Design in the media, i.e. newspapers, magazines, billboards, corporate image and the print medium. 2:0:4

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

VISUAL PRESENTATION DESIGN
Further study of composition, design and colour as related to visual presentation in stores, shows and exhibitions. 2:0:4

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

INTERIOR DESIGN
Further studies in space planning, materials, history, rendering and professional procedures with emphasis on store planning and design. 2:0:4

*Art in Merchandising Field Work 429 (3)

A practicum to allow students to obtain "on the job" training in the business community. 0:2:4

JOURNALISM DEPARTMENT - PROGRAM

The Journalism Program trains writers for general news assignments and introduces them to many important aspects of the communications industry. The program is print oriented but offers sufficient opportunity for developing broadcast-reporting skills.

The program is offered in two distinct patterns, both starting in September: the Regular stream, over four terms with a summer break in the middle; OR the Certificate stream, over two consecutive terms.

The CERTIFICATE stream is designed to give students with an appropriate university degree the opportunity to take specialized journalism training at high speed. To be eligible for the Certificate stream, you must have a full university degree in a field judged by the Journalism Department to be useful for journalism. Persons with substantial academic achievement may be admitted by permission of the Co-ordinator.

A Diploma of Journalism is awarded for successful completion of the Regular four-term stream; a Certificate for the two-term Certificate stream.

a) Community Journalism
The first part of the program for both streams introduces the student to the importance of journalism to the community, and features sections on basic newswriting, journalism history, page layout and design, photography and radio. You examine in detail the preparation and production of weeklies and radio news. With generous support from the British Columbia and Yukon Community Newspapers' Association and numerous publishers and editors, you meet the people who make the news and write the news. Throughout the first part of the program, you will toil on the department's newspaper, The Voice, and write dozens of stories.
Regardless of which stream you are in, by the end of the first year you will be ready to take a summer job in the news media.

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.

In addition, you discuss the gaffs and glories of contemporary journalism, examine great newspapers from around the world and around the corner, 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. In the fourth term Regular stream students spend a five-week internship in the medium of their choice — dailies, weeklies, radio, TV, news agencies or magazines. There is no fieldwork requirement for Certificate stream students.

At graduation you should be ready to earn your living in the news media.

Mobility for employment outside Vancouver is highly desirable.

There is a materials fee for each term for basic supplies.

Admission Requirements (for the Regular Two-Year Program):

In order to be admitted to the program:

- You must have a complete B.C. Grade 12 standing or equivalent. If you are a mature student with slightly less than the required academic standing you may be accepted into the program provided you can demonstrate the ability to handle college level academic work.
- You should give evidence that you have a high level of achievement in English and/or writing in the senior grades of secondary school or their equivalent. Experience in school newspaper publication or similar media is an asset.
- You should be able to type at least 40 words per minute.
- You must successfully complete a news-writing test given at the time of an interview with one of the program instructors.
- You must have a successful interview with one of the program instructors.
- Your application will not be processed unless it is complete and accompanied by a transcript (if applicable). Please refer to the general requirements for enroling for the first time in Career Programs (see page 13).
- CERTIFICATE applicants require a full university degree in a field judged by the Journalism Department to be useful to journalism. Persons with substantial academic achievement may be admitted by permission of the Co-ordinator. In addition applicants must meet the last four requirements for the regular stream applicants listed previously.

DIPLOMA

FIRST TERM	SECOND TERM
English 127 or 128	English 229 or 230
Economics 115	Geography 150 or
Political Science 119	History 369 *
Journalism 118	Journalism 147
Journalism 128	Journalism 176
Journalism 168	Journalism 178
	Journalism 188
	Journalism 229
	Journalism 298
THIRD TERM	**FOURTH TERM**
Political Science 129	Journalism 138
Journalism 278	Journalism 248
Journalism 228	Journalism 418, 458 or 468
Journalism 328	Journalism 478
Journalism 358	Journalism 459 or 469
Journalism 378	
Journalism 398	

*History 216 may be substituted if History 369 is not available.

CERTIFICATE

FIRST TERM	SECOND TERM
Journalism 118	Journalism 228
Journalism 128	Journalism 278
Journalism 147	Journalism 328
Journalism 168	Journalism 358
Journalism 176	Journalism 378
Journalism 178	Journalism 398
Journalism 188	Journalism 418 or 458
Journalism 298	

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 enroling in Journalism.)

NOTE: Be sure to check the prerequisites for the Arts and Science courses which are part of this program.

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

*Journalism 118 (2)

WRITING RIGHT
Developing journalistic style; expansion of vocabulary; review of grammatical and spelling pitfalls. 1:1:1

*Journalism 128 (3)

FUNDAMENTALS OF REPORTING
Interviewing; writing the basic news story; libel and contempt of court; newspaper workshop. 2:1:1

*Journalism 138 (3)

COMMUNITY MEDIA
An examination of the role and structure of the news media in Canada with special attention to how community papers work. Other issues looked at are ownership, monopoly, government control, social and political responsibility, as well as newsroom operations, management and economics of the daily newspaper. 2:1:0

*Journalism 147 (3)

EDITING AND DESIGN
Designing the newspaper: principles of layout; paste-up; proofreading. Copy editing techniques: writing effective headlines; handling copy. 2:0:2

*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. 2:0:1

*Journalism 176 (3)

ELECTRONIC PUBLISHING
An introduction to word processing and full-pagination software for journalists. Topics include working with word processing designed for writing and publishing, pagination systems common to the publishing industry, and trouble-shooting techniques for newspaper editors. 2:1:2

*Journalism 178 (5)

NEWSPAPER PRODUCTION I
Producing the weekly college paper for 18,000 readers on three campuses. 2:3:3

*Journalism 188 (2)

MEDIA AND SOCIETY I
An examination of the importance of journalism in western society and the Anglo-American tradition of press freedom, with special attention to landmark events in Canada, Britain and the United States. 2:0:0

*Journalism 195 and 295

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

a) College Journalism Faculty who may wish to present a course in their specialty which may be of limited interest; or
b) Visiting Journalism or Business Communications lecturers.
Announcement regarding Journalism 195 offerings will be made by Calendar Supplement.

Prerequisite: must be enrolled in the Journalism Program, unless otherwise indicated by special bulletin.

*Journalism 228 (2)

JOURNALISM LAW
An examination of the laws governing the mass media in Canada, with particular attention paid to their relationship with the working journalist. Areas covered include libel, contempt of court, obscenity and privacy. 2:0:0

*Journalism 229 (1)

NEWSWRITING LABORATORY
An intensive skills laboratory for practising the basic news story. 1:0:1

*Journalism 248 (3)

EDITORIALS AND ENTERTAINMENT
Covering the entertainment scene; includes Performing Arts; Fine Arts and Crafts; Commercial and Consumer Arts; Writing editorials. 3:0:0

*Journalism 258 (1)

SPORTS WRITING (OPTION)

Covering the sports scene. Open to students not in Journalism program. 1:1:0

*Journalism 278 (9)

NEWSPAPER PRODUCTION II

Producing the weekly college paper for 18,000 students on three campuses. Course includes reporting, news editing, photo editing and darkroom, and working with full-pagination software systems common to the publishing industry. 5:4:4

*Journalism 298 (2)

BROADCASTING I

Introduction to reporting for radio and television, with emphasis on radio newsroom operation; writing for the ear; building a newspackage; working with tape; interviewing; handling wire copy. 2:0:1

*Journalism 328 (1)

JOURNALISM ETHICS

An examination of the role and responsibility of the news media, including credibility, conflict of interest, taste, press councils and accountability. 1:0:0

*Journalism 358 (3)

DAILY PAPER WRITING

A laboratory for writing to daily paper standards under deadline pressure. 1:3:1

*Journalism 378 (3)

ADVANCED REPORTING

Covering public affairs including courts, police, city hall, labour and levels of government. Emphasis is on reporting for newspapers. 2:2:0

*Journalism 398 (3)

BROADCASTING II

Reporting for radio and television: preparing and delivering the radio news package; tactics and techniques of broadcast interviewing, story development and on-air delivery. 2:2:0

*Journalism 418 (3)

CORPORATE COMMUNICATIONS

(Option, offered if numbers warrant)

Promotional and marketing writing, including audio-visual script-writing, the media kit and employee publications. For students interested in the world of public relations and corporate communications. 1:4:0

*Journalism 458 (3)

MAGAZINE FEATURE WRITING

Writing for magazines: generating and selling ideas; freelancing; understanding the industry. In-depth and profile writing. 2:2:0

*Journalism 459 (6)

FIELDWORK/PRINT (OPTION FOR 469)

Graded S/U (see Page 18)

Internship in the print media for five consecutive weeks in the fourth term. 0:0:16

*Journalism 468 (3)

SPECIAL BROADCAST PROJECT

(Option for 418 or 428)

Working under the guidance of a field supervisor, students will successfully complete a substantial piece of public affairs programming for radio or television. Project requires faculty approval.

Prerequisite: Fieldwork in broadcasting. 1:4:0

*Journalism 469 (6)

FIELDWORK/BROADCAST (OPTION FOR 459)

Graded S/U (see Page 18)

Internship in the broadcast media for five consecutive weeks in the fourth term. 0:0:16

*Journalism 478 (2)

WORLD PRESS

An introduction to the great newspapers of the world and what makes them great. The course also examines the role of journalism in different societies; developmental journalism in the Third World; world-wide news-gathering organizations. 2:0:0

PROFESSIONAL PHOTOGRAPHY DEPARTMENT - PROGRAM

Graduates of the Professional Photography Program have found employment in almost every facet of the photographic industry. Many graduates are now in positions of leadership and several have opened their own photographic businesses. Immediately upon graduation, most graduates find employment as a photographers' assistant or as a laboratory technician.

The photographic subjects cover such topics as: advertising, architectural, commercial, copying, editorial, electronic imaging techniques, fashion, industrial, laboratory work, photojournalism, portraiture, quality control, and scientific photography. These photographic subjects are complemented with a good foundation of business and communication fundamentals; a necessity for operating or running a small business.

A considerable amount of time is spent in doing practical assignments that are representative of those undertaken by photographers' assistants and photography technicians. Emphasis is placed upon learning to meet deadlines and other industry requirements. Owing to the demanding workload of classes, laboratories and homework assignments, students should not contemplate employment as a means of financing their studies while a term is underway.

Students are involved in taking an active part in conventions, meetings and seminars sponsored by professional photographic organizations.

Prior to making application, prospective students are advised to contact the Department Chair or Counsellor for the program and perhaps visit the facility to gain an appreciation of the style and substance of the program. Such a visit may also allow for a discussion of career goals.

Admission Requirements:

In order to be admitted to the program:

- You must have a complete B.C. Grade 12 with "C" or higher standings in Physics 11 and Mathematics 11 ("C+" in Consumer Mathematics). Preference will be given to those applicants with Mathematics 12.
- You must be able to demonstrate your career interest by having done at least two of the following:
  - (a) Achieved a minimum "B" standing in graphic arts, media, visual communication or similar course in secondary school or other institution.
  - (b) A 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) A portfolio that indicates evidence of photographic vision.
- If selected for an interview you must bring a portfolio of prints, slides, or other graphic communication related to one or more aspects of commercial or professional photography. Interviews are usually conducted in May.
- You must have a successful interview with one of the program instructors, at which time you will also have to demonstrate your ability to communicate effectively both verbally and in writing (by presenting your L.P.I. score or possibly other English Test Score); and you must complete a multiple choice entrance exam based upon advanced amateur theory.
- Your application will not be processed unless it is complete and accompanied by a transcript(s). Please refer to the general requirements for enroling for the first time in Career Programs (see page 13).

FIRST TERM
Art History 212
Communication 115
Mathematics 120
Photography 118
Photography 128

SECOND TERM
Small Business 115
Photography 115
Photography 238
Photography 218
Photography 228

THIRD TERM
Communication 118
Marketing 115
Photography 328
Photography 338
Photography 348

FOURTH TERM
Photography 418
Photography 428
Photography 430
*Two Advanced Options from the following:
Photography 442
Photography 446
Photography 450
Photography 456
Photography 458
Photography 462
Photography 466
Photography 470
Sales Workshop 218 (offered by the Business Department).

NOTE: The advanced Options include an off-campus element of "field experience" for approximately fifteen (15) working days at photographic establishments during the month of February.

NOTE: Be sure to check the prerequisites for the Arts and Science courses which are part of this program.

Supplies and equipment which must be purchased by each student cost approximately $1,400 in the first year and $1,000 in the second year.

ONE HOUR PHOTOFINISHING PROGRAM

The Professional Photography Program co-ordinates two courses that are offered for those who wish to gain entry level skills as operators in the field of One Hour Photofinishing. These courses will be of interest to those who wish to become operators, those who are relatively new in the One Hour business and those who are contemplating opening their own business as an entrepreneur. The courses, which are offered one evening per week, utilize both classroom and laboratory sessions and take advantage of having some of the instruction presented by individuals currently working on One Hour labs and other segments of the photographic industry.

Because these courses are offered on a cost recovery basis and because class size is restricted, it is important that application be made as early as possible.

Admission Requirements:

You must have completed B.C. Grade XII or equivalent, or be eligible for "Dean's Admission" ("mature student") to be admitted into the Photography 121, course and successfully complete Photography 121 in order to proceed into Photography 123. One year of experience as an operator in a One Hour Lab or the permission of the course co-ordinator may allow students to enter Photography 123 directly, provided they have the Photo 121 entry requirements.

FIRST TERM	SECOND TERM
Photography 121	Photography 123
Basic One Hour Photofinishing	Advanced One Hour Photofinishing

Professional Photography courses are restricted to students enrolled in the program.

*Photography 115 (3)

QUALITY CONTROL

Principles of Sensitometry and Quality Control are the two main topics that are covered in this course. A strong emphasis is placed upon the application of these two areas to the types of tasks that are carried out by a quality control technician in a professional or amateur processing laboratory. The course content will also have relevance for applications in micrographics, scientific photography and general photo-lab technician work. 2:0:2-1/2

*Photography 118 (3) and 218 (3)

PRINCIPLES OF PHOTOGRAPHY

This course covers the fundamental principles of photography and how these are related to everyday working practices employed by photographers and laboratory technicians. Laboratory assignments are designed to show the theoretical and practical applications which are important for a working knowledge of the topics.

Photography 118 - 2:0:3
Photography 218 - 3:0:5

*Photography 121 (3)

BASIC ONE HOUR PHOTOFINISHING

Students will be given instruction in some basic principles of photography including colour theory, colour processes and introductory quality control.

Practical hands-on laboratory sessions on at least two different minilab systems will introduce the operational procedures used by many One Hour labs. 1.5:0:1.5

*Photography 123 (3)

ADVANCED ONE HOUR PHOTOFINISHING

In this course there will be some emphasis upon the business and retail parts of the One Hour business. Trouble shooting, advanced quality control including the use of computers are the other main content segments of the course. 1.5:0:1.5

*Photography 128 (4), 228 (4), 338 (3)

STUDIO TECHNIQUES

These courses provide 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: advertising, architectural, commercial, copying, photojournalism and portraiture. A thorough knowledge of the view camera is gained in the first two terms while other formats are frequently used in the third term. Print finishing and presentation which includes meeting deadlines are also emphasized in these courses. The courses aim to emphasize creative as well as technical competence.

128-3:0:6 228-3:0:6 338-2:0:9

*Photography 238 (3)

INTRODUCTION TO COMPUTERS AND IMAGING

An introduction to both micro-computers and computer imaging. The course provides basic instruction in DOS as well as in the use of a word processor, a spreadsheet, and a drawing/image manipulation program. 4:0:2

Prerequisite: successful completion of the first term Professional Photography Program or permission of the Department.

*Photography 328 (4) and 428 (4)

COLOUR PHOTOGRAPHY

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, spotting, retouching and experience in the operation of a one-hour laboratory. An introduction to electronic image capture and digital image retouching is provided in the 428 course. 2:0:8

*Photography 348 (3)

COMPUTER IMAGING

An introduction to the capturing of existing images and to the creating of original electronic images for use in the computer environment, including output to hardcopy. Film, flatbed and hand scanners will be used to capture images and electronic cameras will be used to make original digital images. Image manipulation and hardcopy output via a desktop publishing program will complete the course material. 2:0:3

Prerequisites: successful completion of Photography 238 and all second term Photography courses.

*Photography 418 (3)

PROFESSIONAL ISSUES

A survey of such topics as the history of professional photography; professional organizations; copyright legislation; ethics; and business practices. Presentations by guest speakers from the business and legal communities, as well as by students, will compliment the instructor's material. 3:1:0

Prerequisites: completion of first three terms of the Professional Photography Program or permission of the Department.

*Photography 430 (4)

MULTI-IMAGE AND VIDEOGRAPHY

This is a basic course in in-plant multi-image and videography production as applied to education and industry. In some instances computer generated images are incorporated with conventionally produced images. Students will learn to plan and develop a concept through the planning, scripting and production stages to the final presentation. Students will work both individually and in small production teams on several slide-shows and videos. 2:1:5

*Photography 442 (3)

AUDIO-VISUAL

The basics of audio-visual practice with emphasis on photographic applications such as single and multi-image presentations, overhead projection view foils and colour copying. Students produce materials that are used by classroom instructors. 0:6:0

*Photography 446 (3)

COLOUR PHOTOGRAPHY

Custom processing and custom print operations both at the College and on location at an operating "Custom" or "One-Hour" Laboratory with additional assignments in printing, processing and quality control. 0:6:0

*Photography 450 (3)

COMMERCIAL PHOTOGRAPHY

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. 0:6:0

*Photography 456 (3)

DIGITAL PHOTOGRAPHY

This advanced option provides further continuity following Photography 348 for those students who desire more practical experience in capturing, making and manipulating digitized images. A considerable amount of the hands-on experience will be sought at a suitable industry sponsor's location during the field experience portion of the term. 0:1:5

Prerequisite: successful completion of all third term Professional Photography courses.

*Photography 458 (3)

MULTI-IMAGE AND VIDEOGRAPHY

Additional skills in multi-image and videography production will be obtained by producing more complex productions. Students may act as producers and directors on productions. Considerable emphasis is placed on items such as client objectives, scripting, budgeting and editing. 1:5:0

*Photography 462 (3)

PHOTOJOURNALISM

In this advanced option the emphasis is upon photography for house organs, newsletters, magazines, annual reports and brochures. Slides (transparencies) for multi-image productions, 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 productions. 0:6:0

*Photography 466 (3)

PORTRAIT PHOTOGRAPHY

This course emphasizes the work done by a portrait studio, including reception, portrait psychology, marketing, public relations, print finishing and presentation. Various subjects are photographed both in the studio and on location such as for wedding assignments or the making of environmental portraits. 0:6:0

*Photography 470 (3)

SCIENTIFIC PHOTOGRAPHY

Students complete assignments for the departments within Langara that have need of photographs for displays or teaching purposes. Frequently the techniques used involve macro and micro set-ups. 0:6:0

Prerequisites: successful completion of third term Professional Photography Program.

THEATRE ARTS DEPARTMENT - PROGRAM

Theatre Arts offers a two year Production Option Diploma and a three-year Acting Diploma Program designed to prepare you for a professional career in theatre.

The goal of the program is to graduate actors and production personnel who are well-rounded in theatre, who have professional level commitment and aptitude and who have acquired the skills to become contributing members of the profession.

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.

Intake is limited to ensure students receive intensive individual training.

Some lecture and theory are part of the training, but the practical application of various skills is given greatest emphasis.

Two program options are offered:

ACTING OPTION — Particular emphasis is placed on the development of an integrated voice and body as an expressive tool. Communication with the audience and fellow actors is stressed. Students are also encouraged to develop their creative contribution to the theatre process. The acting option comprises six terms. The emphasis in terms 1, 2 and 3 is on class and project work. Students in terms 1, 2 and 3 must also participate in extensive crew work on Studio 58 productions. Students in terms 4, 5 and 6, while continuing with class work, devote most of their time to rehearsal and performance. Attention is also paid to developing audition techniques and preparation of material to be used upon graduation.

PRODUCTION OPTION — This option is designed for individuals with previous backstage theatre experience who wish to learn and develop additional skills in a practical theatre setting. Prospective students must have a clear notion in which areas of technical/backstage theatre they wish to concentrate their studies. The production option, after the first term, consists of practicum and directed studies. It is not a general interest course in technical theatre. Students will be given projects related to their field of study and will have the opportunity to work with professional designers and directors. In order to give the student a well-rounded understanding of theatre, production students attend voice, acting and movement classes in their first term. After the first term, production students assume major responsibilities on Studio 58 productions. The Production Option is comprised of four terms.

Students enrolled in the first four terms (acting option) are not allowed to take any performing jobs while registered in these terms. Senior students in both acting and production options sometimes are given the opportunity to gain additional experience by working with professional theatres in Vancouver.

It is strongly recommended that students be financially able to support themselves WITHOUT having to work during the term. Because theatre students are requested to put in long and often irregular hours, including evenings and weekends, having an outside job is extremely difficult.

Program commences September and January.

Admission Requirements:

In order to be admitted to the program:

- You must have a complete B.C. Grade XII standing or equivalent or be eligible for "Dean's Admission" ("mature student" entry). If you are a mature student with slightly less than the required academic standing you may be accepted into the program provided you can demonstrate the ability to handle college level academic work.
- You must have demonstrable talent and indications of a high degree of commitment to pursuing a professional career in the theatre or related arts.
- You must have a good knowledge of the English language and the ability to speak, read aloud and write clearly and correctly.
- Admission is dependent on the successful completion of an audition. You must demonstrate sufficient talent indicating the potential to become a professional person in theatre arts.
- You must provide evidence that you are physically and emotionally healthy, and therefore must have a medical examination during the three month period prior to entry into the program. A MEDICAL FORM FOR THIS REPORT WILL BE SENT TO YOU BY THE COLLEGE ALONG WITH YOUR LETTER OF ACCEPTANCE. YOUR PHYSICIAN MUST SUBMIT THIS REPORT DIRECTLY TO THE COLLEGE HEALTH SERVICE AT LANGARA BEFORE PERMISSION TO REGISTER IS GRANTED.

IT IS RECOMMENDED THAT APPLICANTS BE AT LEAST 19 YEARS OF AGE AT THE TIME OF THEIR AUDITION.

IT IS ALSO RECOMMENDED THAT APPLICANTS HAVE AT LEAST TWO YEARS POST-SECONDARY EDUCATION AND/OR WORK EXPERIENCE NOT NECESSARILY RELATED TO THEATRE ARTS.

Auditions

Acting Option:

For potential acting students, the audition will consist of the presentation of memorized monologues, improvisations, sight-reading, an interview and some written work.

Production Option:

For potential production students, admission will be determined through an audition (see above) as well as completion of a project related to the chosen field of study and an extensive interview.

Audition Times:

DEADLINE FOR APPLICATIONS	AUDITION DATE	INTAKE DATE
June 1, 1993	August, 1993	January, 1994
March 1, 1994	April, 1994	September, 1994
June 1, 1994	August 1994	January, 1995

To be assured of consideration, you should apply at least seven months in advance of the desired intake date.

Audition Fee:

An audition fee of $35.00 is required. In return, applicants will receive written evaluations of their work.

- Your application will not be processed unless it

is complete and accompanied by a transcript (where applicable). Please refer to the general requirements for enroling for the first time in Career Programs (see page 13).

Course of Study:

Unless granted previous credit for University or College Level First Year English, students must enrol in the total program as follows:

ACTING OPTION

FIRST TERM
*English 181, 127 or 128
Movement 118
Theatre Skills 118
Acting 118
Voice 118

SECOND TERM
*English 281, 229 or 230
Movement 218
Theatre Skills 218
Acting 218
Voice 218

THIRD TERM
Acting 328
Movement 328
Theatre Skills 328
Voice 328

FOURTH TERM
Acting 428
Movement 428
Theatre Skills 428
Voice 428

FIFTH TERM
Theatre Arts 518

SIXTH TERM
Theatre Arts 618

PRODUCTION OPTION

FIRST TERM
*English 181, 127 or 128
Movement 118
Theatre Skills 118
Acting 118
Voice 118

SECOND TERM
*English 229, 230 or 281
Theatre Arts 358

THIRD TERM
Theatre Arts 458

FOURTH TERM
Theatre Arts 518

*Please see a counsellor prior to registration regarding these courses.

Grading

Acting Option — To be eligible for the second and third terms, the student must receive a minimum "C-" grade in all subjects. To be eligible for the fourth and fifth terms, the student must receive a "B-" grade in Acting and a "C-" in all other subjects. To be eligible for the sixth term, the student must receive a "B-" in Theatre Arts 518 at the end of the fifth term.

Production Option — To be eligible for the second term, the student must receive a "C-" in all subjects. To be eligible for the third and fourth terms, the student must receive a "B-" in Theatre Arts 358 or 458.

REPEATING — For the policy on repeating, please contact the Theatre Arts Department.

Students wishing to switch their option may do so only with the approval of the Theatre Arts Department Chair.

You must pay a fee at the beginning of each term to cover the cost of theatre tickets, etc. You must provide an 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.

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

NOTE: Be sure to check the prerequisites of the Arts and Science courses which are part of this program.

The following courses are restricted to students enrolled in the Theatre Arts Program:

*Acting 118 (3) and 218 (3)

Introduction to the basic principles of acting through improvisation and script work. Concentration. Freeing the imagination. Developing a rehearsal process. Integration of the voice and body. Elementary scene work. Identification of and work on individual acting problems. 0:1:6

*Acting 328 (4) and 428 (4)

Continuation of developing rehearsal skills and creative potential. Work in various periods and styles. Advanced scene work. Preparation of audition material. 0:1:9

*Movement 118 (3) and 218 (3)

Body awareness and alignment. Tension release. Flexibility. Stamina. Agility. Some dance techniques. 0:1:5

*Movement 328 (3) and 428 (3)

Movement skills such as mime, mask, tap dancing, fencing, stage fighting, contact improvisation. 0:1:5

*Theatre Arts 358 (13)

Practicum and directed studies in theatre production in such areas as lighting, props, set construction, costuming, publicity, theatre administration, production administration and stage management. 0:0:35

*Theatre Arts 458 (15)

Continuation of Theatre Arts 358. 0:0:40

*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 etiquette and organization of professional theatre. Basics of set, costume and prop design and construction. Introduction to lighting design and set up. Assignments comprised of backstage work and front-of-house on Studio 58 productions. 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)

Freeing the voice. Work on breath support, relaxing vocal channel, range, resonance, diction and text. Connecting voice to body. 0:1:5

*Voice 328 (3) and 428 (3)

Voice techniques including singing, some dialect work, speaking verse, diction, building a vocal warm-up. Application of vocal skills to acting and performance. 0:1:5

BUSINESS ADMINISTRATION DEPARTMENT - PROGRAMS

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 Chair for latest details.

Diplomas

For information on Diplomas, please see page 30

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 which 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, Business, Finance and Investment 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 Chair.

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 Certified General Accountants' Association, the Society of Management Accountants, or the Institute of Chartered 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.

Admission Requirements:

In order to be admitted to the program:

- You must have a complete B.C. Grade XII or equivalent, or be eligible for "Dean's Admission" ("mature student" entry) on the basis of education, experience and other qualifications.
- You must have a good knowledge of the English language, including the abilities to speak clearly and to read, understand and interpret complex technical data accurately.
- Preference is given to applicants with a "C+" or higher average in high school English, Social Studies, Algebra, Accounting, or studies closely related to training in Accounting. Preference is also given to applicants with a G.P.A. of 2.00 or higher in post-secondary studies completed.
- Applicants should be aware that, at the discretion of the department, a personal interview may be required.
- Your application will not be processed unless all required information is included, together with necessary educational transcripts and documentation.

In order for an application to be in good standing, you must submit:

(1) A completed career application form with special attention paid to work experience - full, or part-time.
(Those not currently in high school must account for **all** their time since leaving secondary school, describing job titles, duties, etc., whenever possible.)

(2) A copy of all educational documents to date.
- Those still in secondary school should attach copies of:
  (a) final grade 11 Report Card (or official record)
  and
  (b) latest grade 12 Report Card with at least two sets of grades.
- Secondary school **graduates** within the last two years must submit a copy of their graduation transcript.
- All applicants must submit copies of official statements of marks for Marketing 511 post-secondary (University, College, BCIT, etc.) course work completed.
- Those applicants completing secondary school standing through special programs should provide official documentation to this effect.

(3) All applicants must submit an official copy of LPI results written within one year of date of application.

FIRST TERM
Accounting 285
Communication 118
Computer Information Systems 212
Mathematics 118

SECOND TERM
Accounting 321
Management Accounting 323
Communication 115
Accounting Computer Applications 308
Fundamentals of Finance 321

THIRD TERM
Accounting 421
Management Accounting 423
Economics 220
Fundamentals of Finance 421
Statistics 123
Public Speaking 119L

FOURTH TERM
Income Tax 325
Business Law 285
Economics 221
Management Policy and Practices 321
Public Speaking 119

NOTE: Be sure to check the prerequisites of the Arts and Science courses which are part of this program.

ACCOUNTING CO-OPERATIVE EDUCATION PROGRAM

To participate in this option students must maintain above average academic standing.

Four-month work terms are scheduled for the third (May to August) and fifth (January to April) terms of the program. Employers supply the College with job descriptions to be posted and interested students submit their resumes to the Co-operative evaluating Education Officer who transmits the resumes to the employers and arranges the job interviews.

Employers make the final hiring decisions and establish the working conditions, salary, and benefits. Student wages are comparable to those of regular entry-level employees with similar skills, engaged in similar work. The selection process is normally completed one month prior to the commencement of the work term.

Co-operative education has proven to be of great benefit to students, employers, and the College. Students have the opportunity to apply their knowledge in a practical work setting before commencing their professional careers; employers can access capable personnel for short term projects or peak periods; and the College is able to modify its program based on student and employer feedback.

Admission requirements:

In order to be admitted to the Co-operative Education Program

- You must maintain a minimum GPA of 2.6 in each term and receive no grades below "C" in any subject.
- You must carry a full course load. Some exceptions to this rule may be made in situations where students have previously completed a course(s) at Langara or have transfer credit from another post-secondary institution.

Also see "College Co-operative Education Programs" page 28.

FIRST TERM (Fall)
Accounting 285
Communication 118
Computer Information Systems 212
Mathematics 118

SECONDTERM (Spring)
Accounting 321
Management Accounting 323
Communication 115
Accounting Computer Applications 308
Fundamentals of Finance 321

THIRD TERM (Summer)
Co-op Education Work Term 1
Accounting 310
Accounting 311

FOURTH TERM (Fall)
Accounting 421
Management Accounting 423
Economics 220
Fundamentals of Finance 421
Statistics 123
Public Speaking 119L

FIFTH TERM (Spring)
Co-op Education Work Term 2
Accounting 510
Accounting 511

SIXTH TERM (Summer)
Income Tax 325
Business Law 285
Economics 221
Public Speaking 119
Management Policy and Practices 321

NOTE: Be sure to check the prerequisites for the Arts and Science courses which are part of this program.

ACCOUNTING POST DIPLOMA PROGRAM

This program provides graduates from Langara's Computer Information Systems Diploma program (or any other similar post-secondary diploma program) with a greater knowledge in accounting and finance in order to increase the employment potential of graduates by providing them with a broader education, to prepare graduates for more rapid advancement in their field to middle and/or senior management positions, and to enhance the academic advancement of graduates wishing to obtain further professional credentials.

Admission Requirements:

Graduation from the Langara Computer Information Systems or equivalent program.

FIRST TERM
Accounting 321
Business Law 115
Credit and Collections 321
Fundamentals of Finance 321

SECOND TERM
Accounting 421
Business Law 215
Income Tax 325
Management Accounting 423

NOTE: A number of the above courses are transferable to the program of studies leading to certification as a Certified General Accountant (CGA) or Registered Industrial Accountant (RIA).

BUSINESS, FINANCE AND INVESTMENT MANAGEMENT PROGRAM

This program emphasizes a mix of academic and business courses that provides the concepts required for administrative and finance and investment skill development. As well, many of the courses carry university transfer credit or are credited toward a professional designation in the fields of credit management, banking, accounting, trust administration and insurance. Upon completion, graduates will also receive a certificate from the Canadian Institute of Credit and Financial Management.

Students considering enrolment in the Business, Finance and Investment Management Program should keep in mind the specific program objectives:

MAIN OBJECTIVE: To produce a graduate with a general business background with an emphasis on finance.

- To provide exposure to a variety of business career opportunities and to afford the basis on which to make a career selection.
- To provide transferability and transfer credit to as many professional designate and apprenticeship business programs as possible within the realm of the program content.
- To encourage educational/career laddering toward a university degree if desirable.
- To produce a graduate who will be prepared to enter lower level positions within an organization yet be readily promotable in keeping with the normal expectations and timing of the management.
- To produce a graduate who is capable of operating in a number of financial functions such as: credit analyst, insurance claims adjuster, insurance underwriter trainee, analyst of securities trainee, mortgage broker trainee, and bank administration trainee.
- To emphasize the importance of skills of the financial functions of a business.
- To produce a graduate cognizant of the roles of the financial manager in relation to all departments of a business.
- To give strong emphasis to budget design and management.
- To produce a graduate with a sound working knowledge of retail, mercantile and consumer credit and leasing.
- To provide a comprehensive perspective of business and related academic subjects so that the student may understand the synergistic interdependence of the business and economic environment.

Admission Requirements:

In order to be admitted to the program:

- You must have a complete B.C. Grade XII or equivalent, or be eligible for "Dean's Admission" ("mature student" entry) on the basis of education, experience and other qualifications.
- You must have a good knowledge of the English language, including the abilities to speak clearly and to read, understand and interpret complex technical data accurately.
- Preference is given to applicants with a "C+" or higher average in high school English, Social Studies, Mathematics, Accounting, Law, or studies closely related to training in Business Management. Preference is also given to applicants with a G.P.A. of 2.00 or higher in post-secondary studies completed.
- Applicants should be aware that, at the discretion of the Department, a personal interview may be required.
- Your application will not be processed unless all required information is included, together with necessary educational transcripts and documentation.

In order for an application to be in good standing, you must submit:

(1) A completed career application form with special attention paid to work experience — full, or part-time.
(Those not currently in secondary school must account for all their time since leaving secondary school, describing job titles, duties, etc., whenever possible.)

(2) A copy of all education documents to date.
- Those still in secondary school should attach copies of:
  (a) final grade ll Report Card (or official record)
  and
  (b) latest grade 12 report card with at least two sets of grades.
- Secondary school graduates within the last two years must submit a copy of their graduation transcript.
- All applicants must submit copies of official statements of marks for any post-secondary (University, College, BCIT, etc.) course work completed.
- Those applicants completing secondary school standing through special programs should provide official documentation to this effect.

(3) All applicants must submit an official copy of LPI results written within one year of date of application.

FIRST TERM
Accounting 115
Mathematics 118
Statistics 123
Communication 115
Computer Information Systems 212

SECOND TERM
Accounting 215
Business Law 285
Mathematics 210
Communication 118
Investments 125

THIRD TERM
Credit and Collections 321
Fundamentals of Finance 321
Marketing 115
International Business 330
Public Speaking 119L
Economics 220

FOURTH TERM
Income Tax 325
Fundamentals of Finance 421
Management Policy and Practices 321
Public Speaking 119
Economics 221
Elective*

*Academic elective such as English, Mathematics, Geography, Political Science, Psychology or Sociology.

When deemed appropriate by the Department Chair, students may substitute a career path course offered by the government or an association to meet entry level licensing requirements, e.g. Canadian Securities course level 1 or Accredited Insurance Broker level 1.

NOTES:

1) Be sure to check the prerequisites for the Arts and Science courses which are part of this program.
2) A Co-operative Education Option or Job Internship to the Business, Finance and Investment Management program is being considered for implementation in 1995.

(For description of courses in Business Administration, see pages 65 to 78).

ARTS AND SCIENCE (COMMERCE) PROGRAM

see page 32.

COMPUTER INFORMATION SYSTEMS PROGRAM

The main objective of this two-year (four term) diploma program is to provide the business community with programmers and systems analysts who are immediately productive and who can assume progressively more senior positions in Information Processing.

To achieve this objective, the curriculum includes courses in computer hardware, programming and systems analysis as well as in management subjects and business applications.

Students with high academic achievement in the program have the opportunity to combine four academic terms with two additional terms of work experience by participating in the Co-operative Education option.

All students are expected to complete the prescribed courses within three years of entering the program. Approval for any exceptions must be obtained from the program co-ordinator.

Admission Requirements:

In order to be admitted to the program:

- You must have a complete B.C. Grade XII or equivalent, or be eligible for "Dean's Admission" ("mature student" entry) on the basis of education, experience and other qualifications.
- You must have good knowledge of the English language, including the abilities to speak clearly and to read, understand and interpret complex technical data accurately.
- Preference is given to applicants with a "C+" or higher average in secondary school English, Social Studies, Mathematics, or studies closely related to training in Computer Information Systems. Preference is also given to applicants with a G.P.A. of 2.00 or higher in post-secondary studies completed.
- Your application will not be processed unless all required information is included, together with necessary educational transcripts and documentation.

In order for an application to be in good standing, you must submit:

(1) A completed career application form with special attention paid to work experience — full, or part-time.
(Those not currently in secondary school must account for all their time since leaving secondary school, describing job titles, duties, etc., whenever possible.)

(2) A copy of all education documents to date.
- Those still in secondary school should attach copies of
  (a) final grade 11 Report Card (or official record)
  and
  (b) latest grade 12 Report Card with at least two sets of grades.
- Secondary school **graduates** within the last two years must submit a copy of their graduation transcript.
- All applicants must submit copies of

official statements of marks for any post-secondary (University, College, BCIT, etc.) course work completed.
- Those applicants completing secondary school standing through special programs should provide official documentation to this effect.

FIRST TERM
Accounting 115
Communication 118
Computer Information Systems 115
Computer Information Systems 118
Mathematics 231

SECOND TERM
Accounting 215
Communication 115
Computer Information Systems 215
Computer Information Systems 217
Computer Information Systems 218

THIRD TERM
Computer Information Systems 216
Computer Information Systems 328
Computer Information Systems 421
Organizational Behaviour 321
Management Accounting 323
Computer Information Systems 318

FOURTH TERM
Computer Information Systems 321
Computer Information Systems 415
Computer Information Systems 428
Statistics 125
Management Policy and Practices 321

To progress to the next level in the program, a grade of "C" or higher is required in Computer Information Systems 118, 218, 328 and 428, while a grade of "C+" or higher is required for Accounting 115 and 215.

NOTE: Be sure to check the prerequisites for the Arts and Science courses which are part of this program.

For a description of courses in Business Administration, see pages 65 to 78.

*Substitutions of courses or exemptions can be made only by permission of the program co-ordinator.

COMPUTER INFORMATION SYSTEMS CO-OPERATIVE EDUCATION PROGRAM

Students working to participate in this option must have above average academic grades and demonstrate potential for success in their chosen professional field.

Work terms are four months long and begin each January, May and September. Student wages are comparable to those of regular entry level employees with similar skills engaged in similar work.

Employers willing to participate in the program supply a job description to the College. The position is posted, and interested students submit their resumes to the Co-operative Education Officer, who transmits them to the employers and arranges the interviews. Students are chosen for work placement by the employer, who sets the terms of employment, salary and benefits. The selection process is normally completed one month prior to the commencement of the work placement.

Co-operative education has proven to be of great benefit to students, employers and the College. Students have the opportunity to apply their knowledge in a practical work setting and to gain practical work experience before commencing their professional careers; employers gain knowledgable manpower for short term projects; the College has the ability to modify its program based on student and employer feedback.

Admission Requirements:

In order to be admitted to the Co-operative Education Option:
- You must maintain a minimum GPA of 2.6 in each term and receive no grades below "C" in any subject.
- You must carry a full course load. Some exceptions to this rule may be made in situations where students have previously completed a course at Langara or have transfer credits from another post-secondary institution.

FIRST TERM
Accounting 115
Communication 118
Computer Information Systems 115
Computer Information Systems 118
Mathematics 231

SECOND TERM
Accounting 215
Communication 115
Computer Information Systems 215
Computer Information Systems 217
Computer Information Systems 218

THIRD TERM
Co-op Education Work Term 1
Computer Information Systems 348
Computer Information Systems 349

FOURTH TERM
Computer Information Systems 216
Computer Information Systems 328
Computer Information Systems 421
Organizational Behaviour 321
Management Accounting 323
Computer Information Systems 318

FIFTH TERM
Co-op Education Work Term 2
Computer Information Systems 548
Computer Information Systems 549

SIXTH TERM
Computer Information Systems 321
Computer Information Systems 415
Computer Information Systems 428
Statistics 125
Management Policy and Practices 321

For a description of courses in Business Administration, see pages 65 to 78.

NOTE: Be sure to check the prerequisites for the Arts and Science courses which are part of this proagram.

*Substitutions of courses or exemptions can be made only by permission of the program co-ordinator.

COMPUTER INFORMATION SYSTEMS POST DIPLOMA CERTIFICATE PROGRAM

This program provides graduates from Langara's Accounting Diploma program (or any other similar post-secondary diploma program) with a greater knowledge in Computer Information Processing in order to increase the employment potential of graduates by providing them with a broader education, to prepare graduates for more rapid advancement in their field to middle and/or senior management positions and to enhance the academic advancement of graduates wishing to obtain further professional credentials.

Admission Requirements:

Graduation from the Langara Accounting Diploma Program or equivalent program.

FIRST TERM
Computer Information Systems 118
Computer Information Systems 215
Computer Information Systems 321

SECOND TERM
Computer Information Systems 216
Computer Information Systems 218
Computer Information Systems 415
Computer Information Systems 421

GENERAL INSURANCE PROGRAM

The two-year General Insurance Diploma Program is designed for full-time students (four term, or six term with "Co-op Option"). It provides students with a sound knowledge and understanding of general insurance. The program combines professional and technical insurance education with related business administration skills, and emphasizes practical application.

The courses prepare students for rewarding employment or self-employment careers in general insurance (brokerage, underwriting or claims adjusting), or for insurance, risk management or related specialized fields in business, government or community service.

The program provides a rounded perspective of all aspect of general insurance and is kept up-to-date through liaison with an Advisory Committee and relevant professional organizations and governments.

The insurance courses meet the content requirements and standards of particular courses of the Insurance Institute and the Insurance Brokers Association. Qualifying students may challenge up to nine of the twelve Insurance Institute examinations for the AIIC designation and the requirements for Level I and II (salesman/agent) or claims adjuster licensing under the provincial insurance legislation.

Course work is varied and stimulating and includes lectures, case studies, problem solving, research, field projects and computer applications.

General insurance includes the following classes of insurance: automobile, property, liability, casualty,

surety, fidelity, boiler and machinery, business interruption, marine, aviation and other specialized property operations. Accident and sickness, which are technically forms of general insurance, are associated with the life and disability insurance industry.

Admission Requirements:

In order to be admitted to the program, you must have:

- completed B.C. Grade XII or equivalent, or be eligible for "Dean's Admission" ("mature student" entry) on the basis of education, experience and other qualifications, and
- a good knowledge of the English language including the ability to speak clearly and to read, understand and interpret complex technical material accurately and effectively.

Preference is given to applicants with a "C+" or higher average in secondary school English, Social Studies, Mathematics, Accounting, Law or studies closely related to training in Insurance. Preference is also given to applicants with a G.P.A. of 2.00 or higher in post-secondary studies completed.

Applicants meeting the above requirements will be required to attend a personal interview. Enrolment may be limited.

Candidates should indicate whether they wish to participate in the optional General Insurance Co-operative Education Program (see below).

Your application will not be processed unless all required information is included, together with necessary educational transcripts and documentation. In order for an application to be in good standing, you must submit:

(1) A completed career application form with special attention paid to work experience - full or part-time. (Those not currently in secondary school must account for all their time since leaving secondary school, describing job titles, duties, etc., whenever possible.)

(2) A copy of all educational documents to date.
- Those still in secondary school should attach copiesof:
  - (a) final grade 11 Report Card (or official record) and
  - (b) latest grade 12 Report Card with at least two sets of grades.
- Secondary school graduates within the last two years must submit a copy of their graduation transcript.
- All applicants must submit copies of official statements of marks for any post-secondary (University, College, BCIT, etc.) course work completed.
- Those applicants completing secondary school standing through special programs should provide official documentation to this effect.

FIRST TERM
General Insurance 115
General Insurance 215
Business Law 115
Mathematics 116 .
Communication 118*

SECOND TERM
General Insurance 116
General Insurance 216
Business Law 215
Communication 115
Computer Information Systems 212

THIRD TERM
Co-op Education Work Term 1
General Insurance 310
General Insurance 311

FOURTH TERM
General Insurance 316
General Insurance 317
Organizational Behaviour 321
Accounting 116
Marketing 115

FIFTH TERM
Co-op Education Work Term 2
General Insurance 510
General Insurance 511

SIXTH TERM
General Insurance 318
General Insurance 415
General Insurance 416
Management Policies and Practices 321
Computer Information Systems 215

NOTE: Be sure to check the prerequisites for the Arts and Science courses which are part of this program.

* All students taking Communication 118 are required to write the Language Proficiency Index (English) Test or qualify for exemption from writing the test. For an application to write the LPI test or to determine whether you qualify for exemption, please contact the Counselling Office.

GENERAL INSURANCE CO-OPERATIVE EDUCATION PROGRAM

Students who wish to participate in this option must maintain above average academic standing and demonstrate potential for success in their chosen insurance field.

Four-month work terms are scheduled for the third and fifth terms of this program. Employers provide the College with job descriptions to be posted. Interested students submit their resumes to the Co-operative Education Officer, who transmits the resumes to the employer and arranges the interviews.

Employers make the hiring decisions and establish the working conditions, salary and benefits. The work experience and skill requirements will provide challenge and growth of the students. The selection process is normally completed one month before the commencement of the work term.

Co-operative Education has proven to be of great benefit to students, employers and the College. Students have the opportunity to apply their knowledge and to develop skills in a practical work setting and to gain related experience before commencing their professional careers. The College is able to modify its program based on students and employer feedback and evaluation.

"CO-OPERATIVE" OPTION Admission requirements:

In order to be admitted to the Co-operative Education Option:

- You must maintain a G.P.A. of 2.6 in each term and receive no grades below "C" in any subject, and
- You must carry a full course load. Some exceptions to this may be made where a student has previously completed a course(s) at Langara or has transfer credits from another post-secondary institution.

Also see "College Co-operative Education Programs" page 28.

INTERNATIONAL BUSINESS PROGRAM

Langara offers the new International Business Program. This practical, interdisciplinary, career-oriented program leads to a diploma in business while offering a number of university-transfer credit courses. The program courses provide knowledge of the history, culture, economies and business practices of the world's major trading countries, with a particular focus on Pacific Rim nations. Language studies are optional parts of the program. As well as taking formal courses, the students learn from business people who do business internationally and make themselves available to the students through speaking engagements, seminars, visits to their businesses and conferences.

The International Business Program provides a sound, flexible and responsive learning base for students of international business. As the global economy becomes more interconnected, career opportunities will grow rapidly for those with an international business education.

NOTE: Not all the courses bear transfer credit to other post-secondary institutions. Please consult with Langara's counselling department for details.

Admission Requirements:

In order to be admitted to the program you must have:

- Completed B.C. Grade Xll or equivalent or be eligible for "Dean's Admission" ("mature student" entry) on the basis of education, experience and other qualifications.
- A good knowledge of the English language, including the abilities to speak clearly and to read, understand and interpret the printed word correctly.
- A minimum of two years full-time work experience or completion of at least two years of post secondary education (or approval of the program Co-ordinator).

Preference will be given to applicants with a "C+" or higher average in secondary school English, Social Studies, Mathematics, Accounting, and Law or other studies closely related to business.

Students should also have a G.P.A. of 2.0 or higher in any post-secondary courses already completed.

Candidates should bring an enthusiastic interest in other cultures and languages along with their strong interest in business.

FIRST TERM
English 127 or 128
Geography 160
Marketing 115
Pacific Rim 125, 130 or 135
Political Science 140 or Economics 220

SECOND TERM
Accounting 115
Economics 221
English 229 or 230
Pacific Rim 225, 230 or 235
Computer Information Systems 212

THIRD TERM
International Business 327
International Business 330
International Business 350
Pacific Rim 125, 130 or 135
Public Speaking 119L
Elective

FOURTH TERM
Sales Workshop 218
International Business 425
International Business 428
Pacific Rim 225, 230 or 235
Public Speaking 119
Elective

NOTE: Be sure to check the prerequisites for the Arts and Science courses which are part of this program.

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.

Admission Requirements:

In order to be admitted to the program:

- You must have a complete B.C. Grade XII or equivalent, or be eligible for "Dean's Admission" ("mature student" entry) on the basis of education, experience and other qualifications.
- You must have a good knowledge of the English language, including the abilities to speak clearly and to read, understand, and interpret complex technical and theoretical information accurately.
- Preference is given to applicants with a "C+" or higher average in high school English, Social Studies, Mathematics, Accounting, Law, or studies closely related to training in business. Preference is also given to applicants with a G.P.A. of 2.00 or higher in post-secondary studies completed.
- Applicants should be aware that, at the discretion of the Department, a personal interview may be required.

We normally receive far more applications than we can accommodate in the program. It must be recognized, therefore, that all required data and documentation must be provided on the application form and accompanying it if the applicant is to be considered for acceptance.

In order for an application to be complete, you must submit:

(1) A completed career application form. Special attention is to be paid to work experience detail.
- Those not currently in Secondary School should account for all their time since leaving or graduating, describing in detail job and specific duties or work experience.
- Those still in Secondary program should list **any** work experience, full or part-time.

(2) A copy of all education documents to date.
- Secondary Program graduates within the last **two** years must submit a copy of their graduation certificate and transcript.
- All applicants should submit records of whatever background education has been completed.
- **Any** post-secondary (University, College, BCIT, etc.) course work must be supported by statements of marks.
- Those completing Secondary program standing through **special** programs must provide appropriate documentation.
- Those still in Secondary School should attach copies of:
  (a) final Grade 11 Report Card (or official record) **and**
  (b) latest Grade 12 Report Card with a minimum of **two** sets of grades.

(3) A brief handwritten explanation of your reason(s) for applying to the Marketing and Sales Program.

(4) Only those applications submitted four months prior to enrolment will receive priority consideration for admission to the program.

FIRST TERM (Fall)
Business Law 285
Communication 115
Marketing 115
Statistics 126
Psychology 317 or 115

SECOND TERM (Spring)
Accounting 116
Computer Information Systems 212
Communication 118
Sales Workshop 218
Mathematics 119

THIRD TERM (Summer)
Co-operative Education Work Term 1
Marketing 310
Marketing 311

THIRD TERM (Fall)
FOURTH TERM (Co-op option)
Economics 115
Fundamentals of Finance 321**
Marketing 321
Marketing 327
Elective*
Public Speaking 119L

FIFTH TERM (Spring)
Co-operative Work Term 2
Marketing 510
Marketing 511

FOURTH TERM (Summer)
SIXTH TERM (Co-op option)
Advertising and Sales 321
Management Policy and Practices 321
Marketing 424
Sales Workshop 418
Public Speaking 119

NOTE: Be sure to check the prerequisites for the Arts and Science courses which are part of this program.

For description of courses in Business Administration, see pagess 65 to 78.

*Elective must be chosen from the following courses:

Business Procedures 115
Credit and Collections 321
Geography 150
Geography 250
Investments 125
Organizational Behaviour 321
Small Business 115
Statistics 224
or course approved by the Program Co-ordinator

**May substitute Credit and Collections 321

MARKETING AND SALES CO-OPERATIVE EDUCATION PROGRAM

Students who wish to participate in this option must maintain above average academic standing and demonstrate potential for success in their chosen professional field.

Four-month work terms are scheduled for the third and fifth terms of this program. Employers provide the College with job descriptions to be posted. Interested students submit their resumes to the Co-operative Education Officer, who will assist in arranging job interviews.

Employers make the hiring decisions and establish the working conditions, salary and benefits. The selection process is normally completed one month before the commencement of the work term.

Co-operative Education has proven to be of great benefit to students, employers and the College. Students have the opportunity to apply their knowledge and to develop skills in a practical work setting and to gain related experience before commencing their professional careers. The college is able to modify its program based on students' and employers' feedback and evaluation.

Admission Requirements:

In order to be admitted to the Co-operative Education Option:

- You must maintain a G.P.A. of 2.6 in each term and receive no grades below "C" in any subject, and
- You must carry a full course load. Some exceptions to this may be made where a student has previously completed a course at Langara or has transfer credit(s) from another post-secondary institution.

Also see "College Co-operative Education Programs" page 28.

REALTY APPRAISAL PROGRAM

General Information

Langara offers the Realty Appraisal Program with the following options:

- the full-time two year Diploma Program (Regular);
- the full-time two year Diploma Program (Co-operative Education);
- the part-time Certification Program (Evening).

The diploma options are designed for full-time students while the certificate option is most suitable for working people.

The Program prepares students for a variety of careers in the real estate profession with particular emphasis on real estate appraisal and investment analyses. The training includes both lectures on theories and supervised field work. Graduates of the programs have been employed as realty appraisers, assessors, property negotiators, mortgage officers and investment consultants by appraisal firms, assessment authorities, government agents, mortgage institutions, banks and consulting firms.

The Program is endorsed by the Appraisal Institute of Canada which sets Canada-wide standards for the appraisal profession and regulates the national code of ethics. Two professional designations are awarded to qualified members of the Institute: CRA (Canadian Residential Appraiser) and AACI (Accredited Appraiser Canadian Institute). These designations are recognized nationally as well as internationally. Please contact the Appraisal Institute of Canada for details of the qualifications required for the award of the designations.

University Transfer Credits

Realty Appraisal Diploma Program graduates who have a grade point average of 2.67 or higher will be granted 39 credits towards the Bachelor of Arts Degree in Administrative Studies by the Open Learning University, British Columbia. Which is a distance learning university established under the authority of the Colleges and Provincial Institutes Act of British Columbia.

Admission Requirements:

In order to be admitted to the program:

- You must have a complete B.C. Grade XII or equivalent, or be eligible for "Dean's Admission" ("mature student" entry) on the basis of education, experience and other qualifications.
- You must have a good knowledge of the English language, including the abilities to speak clearly and to read, understand and interpret complex technical data accurately.
- Preference is given to applicants with a "C+" or higher average in secondary school Grade 12 English, Social Studies, Mathematics, Accounting, Law, or studies closely related to training in Realty Appraisal. However, Mathematics 11 with a "C" or higher is the minimum requirement. Preference is also given to applicants with a G.P.A. of 2.00 or higher in post-secondary studies completed. Applicants should note that selection for admission is based on competition — those with higher qualifications and with higher marks stand a better chance.
- Applicants should be aware that, at the discretion of the Department, a personal interview may be required.
- Your application will not be processed unless all required information is included, together with necessary educational transcripts and documentation.

In order for an application to be in good standing, you must submit:

(1) A completed career application form with special attention paid to work experience - full, or part-time. (Those not currently in high school must account for all their time since leaving secondary school, describing job titles, duties, etc., whenever possible.)

(2) A copy of all educational documents to date.
- Those still in secondary school should attach copies of:
  - (a) final grade 11 Report Card (or official record) **and**
  - (b) latest grade 12 Report Card with at least two sets of grades.
- Secondary school **graduates** within the last two years must submit a copy of their graduation transcript.

- All applicants must submit copies of official statements of marks for **any** post-secondary (University, College, BCIT, etc.) course work completed.
- Those applicants completing secondary school standing through special programs should provide official documentation to this effect.

REALTY APPRAISAL DIPLOMA PROGRAM (REGULAR OPTION)

Upon successful completion of this full-time day program, students are qualified for a Realty Appraisal Diploma. This program includes all courses required by the Appraisal Institute of Canada as a "package program" for the C.R.A. and A.A.C.I. designations. Provided the students complete the program with a "C" grade or higher for each core course, they will be eligible to apply to the Appraisal Institute of Canada to write the National Comprehensive Examinations.

First Year Students:

FIRST TERM (Fall)	**SECOND TERM (Spring)**
*Appraisal 118	Appraisal 215
*Accounting 115	*Appraisal 218
*Economics 220	*Appraisal 219
Mathematics 121	Appraisal 270
Computer Information Systems 212	Appraisal 315
	Appraisal 415

THIRD TERM (Summer)	**FOURTH TERM (Fall)**
Summer Term Off	*Appraisal 325
	Appraisal 370
	Appraisal 420
	*Geography 250
	English 127/128

FIFTH TERM (Spring)	**SIXTH TERM (Summer)**
Spring Term Off	*Appraisal 318
	*Appraisal 319
	*Economics 221
	English 229/230
	*Core courses.

NOTES:

(1) Diploma Program (Regular Option) students must complete the fourth term before they are eligible to take Appraisal 318 and Appraisal 319.

(2) Appraisal 318 and Appraisal 319 offered in the Certificate Program are for the evening students. They have priority in the registration for these courses.

(3) Students with a Realty Appraisal Diploma who have passed the Appraisal 420 (formerly Real Estate Marketing 420) are eligible to apply to the Real Estate Council of B.C. to write the salesmen's pre-licensing examination.

(4) Be sure to check the prerequisites for the Arts and Science courses which are part of this program.

For a description of courses in Business Administration, see pages 65 to 78.

REALTY APPRAISAL CO-OPERATIVE EDUCATION DIPLOMA PROGRAM

Students working to participate in this option must have above average academic grades and demonstrate potential for success in their chosen professional field.

Work terms are four months long beginning each January and May. Student wages are comparable to those of regular employees with similar skills engaged in similar work.

This Co-operative Education program is endorsed by the Appraisal Institute of Canada. A special arrangement has been made for Co-op students to gain articling credit toward their C.R.A. designation during the co-op work terms.

Employers willing to participate in the program supply a job description to the College. The position is posted, and interested students submit their resumes to the Co-operative Education Officer, who transmits them to the employers and arranges the interviews. Students are chosen for work placement by the employer, who sets the terms of employment, salary and benefits. The selection process is normally completed one month prior to the commencement of the work placement.

Co-operative education has proven to be of great benefit to students, employers and the College. Students have the opportunity to apply their knowledge in a practical work setting, gain valuable work experience, and initiate articling credits towards their C.R.A. Employers gain knowledgeable manpower for short term projects; the College has the ability to modify its program based on student and employer feedback.

In order to be admitted to the Co-operative Education Option:

- You must maintain a high academic cumulative grade point average of - 2.6, or higher, and
- You must carry a full course load. Some exceptions to this rule may be made in situations where students have previously completed a course at Langara or have transfer credit(s) from another post-secondary institution.

Also see "College Co-operative Education Programs" page 28.

First Year Students:

FIRST TERM (Fall)
*Appraisal 118
*Accounting 115
*Economics 220
Mathematics 121
Computer Information Systems 212

SECOND TERM (Spring)
Appraisal 215
*Appraisal 218
*Appraisal 219
Appraisal 270
Appraisal 315
Appraisal 415

THIRD TERM (Summer)
Co-op Education
Work Term 1
Appraisal 310
Appraisal 311

Second Year Students:

FOURTH TERM (Fall)
*Appraisal 325
Appraisal 370
Appraisal 420
*Geography 250
English 127/128

FIFTH TERM (Spring)
Co-op Education
Work Term 2
Appraisal 510
Appraisal 511

SIXTH TERM (Summer)
*Appraisal 318
*Appraisal 319
*Economics 221
English 229/230
*Core courses.

NOTE: Be sure to check the prerequisites for the Arts and Science courses which are part of this program.

For a description of courses in Business Administration, see pages to 65 to 78.

Realty Appraisal Diploma Program graduates (both regular and co-operative) may apply to the Appraisal Institute of Canada to challenge the National Comprehensive Examination in September each year.

REALTY APPRAISAL CERTIFICATE PROGRAM (EVENING OPTION)

This part-time evening certificate program is packaged to include all core courses required by the Appraisal Institute of Canada for the CRA and AACI designations. Students must complete the program with a "C" grade or higher for each core course to be eligible to apply to the Appraisal Institute of Canada to write the National Comprehensive Examinations.

The following background courses must be completed with a "C" grade or higher standing prior to entry into Appraisal 118:

*Appraisal 325 (Formerly Real Estate Law 325)
*Accounting 115
*Economics 220
*Economics 221
*Geography 250

NOTES:

1) Seats in Appraisal 118 are available on a priority basis - the number of the background courses completed.
2) Be sure to check the prerequisites for the Arts and Science courses which are part of this program.

FIRST TERM (Fall)
*Appraisal 118

SECOND TERM (Spring)
*Appraisal 218
*Appraisal 219

THIRD TERM (Summer)
*Appraisal 318
*Appraisal 319
*Core courses.

Upon successful completion of the core courses, students are qualified for a Realty Appraisal Certificate. Students with a Realty Appraisal Certificate who have passed the Appraisal 420 (formerly Real Estate Marketing 420), are eligible to apply to the Real Estate Council of B. C. to write the salesmen's pre-licensing examination.

SMALL BUSINESS DEVELOPMENT PROGRAM

This two term certificate program is designed to assist entrepreneurs with the initial stages of their small business development. Persons working part-time will appreciate the flexibility of our late afternoon and evening classes as well as the strong emphasis we place on practicality.

This program must be taken in the sequence outlined. Students must enrol in all courses unless exempted by the program co-ordinator.

Admission Requirements:

- Preference is given to creative individuals who are committed, skilled (or experienced) and have access to start-up capital.
- You must have a complete B.C. Grade XII or equivalent, or be eligible for "Dean's Admission" ("mature student" entry) on the basis of education, experience and other qualifications.
- You must have a good knowledge of the English language, including the abilities to speak clearly and to read, understand and interpret complex technical data accurately.
- Applicants should be aware that, at the discretion of the Department, a personal interview may be required.
- Your application will not be processed unless all required information is included, together with necessary educational transcripts and documentation.

In order for an application to be in good standing, you must submit:

(1) A completed career application form with special attention paid to work experience — full, or part-time.
(Those not currently in secondary school must account for all their time since leaving secondary school, describing job titles, duties, etc., whenever possible.)

(2) A copy of all educational documents to date.

- Those still in secondary school should attach copies of:
  (a) final grade 11 Report Card (or official record)
  and
  (b) latest grade 12 Report Card with at least two sets of grades.

- Secondary school **graduates within the last two years** must submit a copy of their graduation transcript provided by the Ministry of Education.
- All applicants must submit copies of official statements of marks for any post-secondary (University, College, BCIT, etc.) course work completed.
- Those applicants completing secondary school standing through special programs should provide official documentation to this effect.

FIRST TERM
Communication 118
Small Business Fundamentals 118
Small Business Marketing Skills 128

SECOND TERM
Communication 115
Small Business Marketing Skills 228
Small Business Financial Skills 215
Small Business Planning Skills 235

NOTE: Be sure to check the prerequisites for the Arts and Science courses which are part of this program.

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 and flows of funds. 4:0:0

Prerequisite for Accounting 115: none.

Prerequisite for Accounting 215: Accounting 115 with a standing of "C+" or higher. (If taken before Fall Semester 1991 "C-" or higher.)

*Accounting 116 (3)

The fundamentals of accounting. An overview of basic accounting principles and techniques, including the managerial use of financial statements involving analysis and budgeting. This is a credit course for students on a College Diploma program other than Accounting, Business, Finance and Investment Management, or Computer Information Systems. 4:0:0

*Accounting 253 (3)

This course deals with Financial Accounting which is concerned with the preparation of statements for use by

persons external to the issuing entity. The objective of the course is to have an understanding of the basic concepts underlying the financial statements and to interpret these financial statements. 4:0:0

*Accounting 285 (6)

Introductory Accounting combined into one course for one term. The course covers the basic bookkeeping techniques including developing a trial balance and then production of a Balance sheet and Income statement. In addition the course looks at accounting for Partnerships and limited companies. After a detailed examination of the Balance sheet and the GAAP requirements the course develops information on Statement of Changes in Financial Position and Analysis and Interpretation of Financial Statements. 8:0:0

Prerequisite: departmental permission.

*Accounting 294 (3)

This course provides an introduction to the design and use of accounting information for management planning and control as well as the development of cost information for financial reports. Issues of particular importance include cost accumulation; cost behaviour; identification of relevant costs for decision making and the use of budgets and standards in evaluating performance. 4:0:0

Prerequisite: Accounting 115, 253, or 285 with a standing of "C+" or higher. (If taken before Fall Semester 1991 "C-" or higher.)

*Accounting 310 (1)

CO-OPERATIVE WORK REPORT

Work report. The preparation of the work term report, which is evaluated by the Co-operative Education Officer or the program co-ordinator, faculty and in some cases by the employer gives the student valuable experience in the gathering, analysis, and effective presentation of information in a professional manner. Students select a topic for the work report in consultation with the Co-operative Education Officer and the employer and receive guidelines on how to write a work report from the College. 0:6:0

NOTE: Restricted to students meeting the admission requirements of Co-operative Education.

*Accounting 311 (6)

CO-OPERATIVE PLACEMENT PERFORMANCE

—Grade S/U (see Page 18)

Work experience. The application of the theoretical studies undertaken in terms 1 and 2 through paid temporary full-time placement in the work place. A comprehensive report on the work term completed outside normal working hours culminates the work experience. 0:0:37

NOTE: Restricted to students meeting the admission requirements of Co-operative Education.

*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. 4:0:0

Prerequisite for Accounting 321: Accounting 215 or 285 with a standing of "C+" or higher. (If taken before Fall Semester 1991 "C-" or higher.)

Prerequisite for Accounting 421: Accounting 321 with a standing of "C" or higher. (If taken before Fall Semester 1991 "C-" or higher.)

*Accounting 510 (1)

CO-OPERATIVE WORK REPORT

Work report. The preparation of the work term report, which is evaluated by the Co-operative Education Officer or the program co-ordinator, faculty, and in some cases by the employer gives the student valuable experience in the gathering, analysis, and effective presentation of information in a professional manner. Students select a topic for the work report in consultation with the Co-operative Education Officer and the employer and receive guidelines on how to write a work report from the College. 0:6:0

NOTE: Restricted to students meeting the admission requirements of Co-operative Education.

*Accounting 511 (6)

CO-OPERATIVE PLACEMENT PERFORMANCE

—Grade S/U (see Page 18)

Work experience. Practical application of academic knowledge gained in terms 1, 2 and 4 and on the job experience gained in term 3 to enhance technical skills, professional and personal development. Assignments undertaken are summarized and documented in a report completed outside working hours. 0:0:37

NOTE: Restricted to students meeting the admission requirements of Co-operative Education.

*Accounting Computer Applications 308 (3)

MICRO-COMPUTER APPLICATIONS IN ACCOUNTING

A laboratory course using micro-computer software programs with simulated accounting procedures. The emphasis will be on General Accounting programs (ACCPAC) and Spreadsheet programs (LOTUS 1-2-3). This course is restricted to students enrolled in the Accounting Program. 0:0:4

Prerequisites: Accounting 215 or 285 with a "C" grade or higher, and Computer Information Systems 212 with a "C" grade or higher. (If taken before Fall Semester 1991 "C-" or higher.)

*Advertising and Sales Promotion 321 (3)

This course provides a detailed study of advertising theory and practice. The major topics are: the role of advertising in marketing; advertising plans and strategies; a detailed analysis of media including newspapers, magazines, radio and television; out-of-home advertising; direct advertising; and sales promotion, budgeting and evaluating advertising. 3:1:0

Prerequisite: Marketing 115.

*Advertising and Sales Promotion 421 (3)

This course focuses on the creative strategy of advertising. Course content includes creative planning and implementation of advertising for newspapers, magazines, radio and television media. Students produce advertisements/commercials for each of the media as well as undertaking a term project involving multimedia campaign planning. 3:1:0

Prerequisite: Advertising 321.

*Appraisal 118 (6)

INTRODUCTION TO REAL ESTATE APPRAISING

This is the introduction to real estate appraising in Canada. It covers subjects such as the realty appraisal profession; the nature of values; the purposes of appraisals; the basic principles and techniques; property inspection and valuation and the three approaches to value. 8:0:0

Note: Certificate Program (Evening Option) prerequiste: Any four of the following: Accounting 115; appraisal 325; Economics 220 and 221 and Geography 250.

*Appraisal 215 (3)

BUILDING CONSTRUCTION AND COST ESTIMATING

This course will include the basic building construction of single family residential houses and commercial buildings, Canadian building code, building cost estimating by cost manuals and computerized programs. 4:0:0

*Appraisal 218 (6)

ADVANCED REAL ESTATE APPRAISING

This course is a continuation of the appraisal process and will deal with more complex aspects of realty appraisal. It will stress financial mathematics, Mortgage Equity Concept, case studies and other special appraisal topics. 7:0:0

Prerequisite: Appraisal 118.

*Appraisal 219 (3)

APPRAISAL FIELD WORK AND BUILDING CONSTRUCTION (LEVEL I)

This is the first course in appraisal field work and building construction training which will include site inspection, single and multiple family residential properties inspection, floor area measurements, preparation of floor plan, market data collection, market analysis, residential building construction and appraisal. 4:0:0

Prerequisite: Appraisal 118.

*Appraisal 270 (3)

APPRAISAL REPORT WRITING (LEVEL I)

This is a first course in appraisal report writing, and covers different types of appraisal reports, the report format, legal aspects of the reports, market data collection and analysis, realty appraisal terminology and the methods of appraisal. 4:0:0

Prerequisite: Appraisal 118.

*Appraisal 310 (1)

CO-OPERATIVE WORK PLACEMENT REPORT (LEVEL I)

Work report. The preparation of the work term report, which is evaluated by the Co-operative Education Officer, program co-ordinator, or in some cases by the employer, gives the student valuable experience in the gathering, analysis, and effective presentation of information in a professional manner. Students select a topic for the work report in consultation with the Co-Operative Education Officer and the employer and receive guidelines on how to write a work report from the College. 0:6:0

NOTE: Restricted to students meeting the admission requirements of Co-operative Education.

*Appraisal 311 (6)

CO-OPERATIVE WORK PLACEMENT PERFORMANCE (LEVEL I)

—Grade S/U (see Page 18)

Work experience. Practical application of academic knowledge gained in terms 1 and 2 to enhance technical skills, professional and personal development. Assignments undertaken are summarized and documented in a report completed outside working hours. 0:0:37

NOTE: Restricted to students meeting the admission requirements of Co-operative Education.

*Appraisal 315 (3)

ASSESSMENT PROCEDURES

This course 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 and Land Assessment. 4:0:0

*Appraisal 318 (6)

REAL ESTATE INVESTMENT ANALYSIS

This course includes advanced concepts of real estate appraisal techniques, financial mathematics and investment analysis such as the Mortgage Equity Concept, the Discounted Cash Flow Concept, Net Present Value Analysis, Actual Rate of Return Analysis, Marginal Profitability Analysis and Cost/Benefit Analysis. 7:0:0

Prerequisites:

1. For Diploma Program students:
   The completion of the Fourth Term.

2. For Certificate Program students:

Appraisal 118;	Appraisal 218;
Appraisal 219;	Appraisal 325;
Economics 221;	Economics 222;
Geography 250;	Accounting 115.

*Appraisal 319 (3)

APPRAISAL FIELD WORK AND BUILDING CONSTRUCTION (LEVEL II)

This course is the continuation of Appraisal 219. Narrative report writing will be emphasized. The building construction of commercial properties will be included. 4:0:0

Prerequisites:

1. For Diploma Program students:
   The completion of the Fourth Term.
2. For Certificate Program students:

Appraisal 118;	Appraisal 218;
Appraisal 219;	Appraisal 325;
Economics 221;	Economics 222;
Geography 250;	Accounting 115.

*Appraisal 325 (3)

REAL ESTATE LAW

This course concerns the fundamentals of law as it relates to real estate. It will include encumbrances, contract law, agency law, leases, transfers of titles, easements, landlord and tenants relations, mortgages, expropriations and compensation. 4:0:0

*Appraisal 370 (3)

APPRAISAL REPORT WRITING (LEVEL II)

This is a continuation of Appraisal 270. A detailed appraisal report based on the market data collected and analyzed in Appraisal 270 will be completed as the major term project. 4:0:0

Prerequisites: Appraisal 218, Appraisal 219, Appraisal 270.

*Appraisal 415 (3)

PROPERTY MANAGEMENT

This is a basic course in property management that includes leasing, rent collections, purchasing, property taxes, neighbourhood and property analysis, depreciation, obsolescence, deferred maintenance, personnel management, office management, management policy and feasibility study. 4:0:0

*Appraisal 420 (3)

REAL ESTATE MARKETING

This is a practical training course for realtors. It covers realty appraisal, financial mathematics, real estate law and accounting. This course is restricted to students enrolled in the Realty Appraisal Program. 4:0:0

Prerequisites:	Appraisal 118;	Appraisal 218;
	Appraisal 219;	Appraisal 318;
	Appraisal 319;	Appraisal 325;
	Geography 250;	Economics 220;
	Economics 221;	Accounting 115.

NOTE: Some exceptions to these prerequisites may be made with the approval of the program co-ordinator. The students must sign an acknowledgment stating that they will not be eligible to challenge the salesmen's pre-licensing examination until they have obtained either the Certificate or the Diploma in Realty Appraisal.

*Appraisal 510 (1)

CO-OPERATIVE WORK PLACEMENT REPORT (LEVEL II)

Work report. The preparation of the work term report, which is evaluated by the Co-operative Education Officer, program co-ordinator, or in some cases by the employer gives the student valuable experience in the gathering, analysis, and effective presentation of information in a professional manner. Students select a topic for the work report in consultation with the Co-Operative Education Officer and the employer and receive guidelines on how to write a work report from the College. 0:6:0

NOTE: Restricted to students meeting the admission requirements of Co-operative Education.

*Appraisal 511 (6)

CO-OPERATIVE WORK PLACEMENT PERFORMANCE (LEVEL II)

—Grade S/U (see Page 18)

Work experience. Practical application of academic knowledge gained in terms 1, 2, and 4 and on the job experience gained in the work term 3 to enhance technical skills, professional and personal development. Assignments undertaken are summarized and documented in a report completed outside working hours. 0:0:37

NOTE: Restricted to students meeting the admission requirements of Co-operative Education.

*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 sources 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. 3:1:0

Prerequisite for Business Law 215: Business Law 115.

*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 Law 285 (3)

A one term overview of Business Law. The course includes material on Torts and Contracts as well as discussion on Partnerships and Corporations. In addition, Real Estate Law is touched on and Debtor-Creditor Relations, i.e., Conditional Sales and Chattel Mortgages. 3:1:0

*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

*Computer Information Systems 115 (3)

SYSTEMS ANALYSIS

An introduction to the basic skills and techniques of systems analysis. Emphasis is placed on the role of the systems analyst in an organization and the involvement of people in the overall process. In addition the following topics are covered: project life cycle, structured methodology, cost benefit analysis, charting techniques, forms design, coding methods, observation and interview techniques. Students also complete the design of a small accounting application. 3:1:0

NOTE: Priority is given to students enrolled in the Computer Information Systems Program.

*Computer Information Systems 118 (8)

COBOL PROGRAMMING

Introduction to DOS and hard disk management. Fundamentals of data processing and structured COBOL programming on IBM PCs and main-frame computers. Topics include problem solving, structure charts, sequential files, input/output format and procedures, program testing and types of documentation. 6:2:2

NOTE: Priority is given to students enrolled in the Computer Information Systems Program.

*Computer Information Systems 212 (3)

MICRO-COMPUTER SYSTEMS AND APPLICATIONS

A course which provides hands-on micro-computer experience and exposes the student to the capabilities, applications and software packages commonly used in industry, such as MS-DOS, WORDPERFECT, LOTUS 1-2-3 and dBASE IV. 3:1:0

*Computer Information Systems 215 (3)

BUSINESS COMPUTER APPLICATIONS

This course provides an understanding of applications commonly encountered in business. Emphasis is placed on the systems design consideration, files, programs, and procedures required to computerize order entry, billing, accounts receivable, accounts payable, payroll, general ledger, inventory management, forecast and control. 3:1:0

NOTE: Priority is given to students enrolled in the Computer Information Systems Program.

*Computer Information Systems 216 (3)

DATA COMMUNICATIONS

An introduction to communications technology and network operating systems. Topics include communication hardware and software, network structures and design, local area networks, wide area networks, public data networks, network protocols and standards, and network operating systems. 3:1:0

NOTE: Restricted to students enrolled in the Computer Information Systems Program.

*Computer Information Systems 217 (3)

MICRO-COMPUTER SYSTEMS DEVELOPMENT

The primary objective of this course is applications development in dBASE IV environment. Students are introduced to normalization as it applies to file/table design, as well as the basic constructs of the SQL data manipulation language. Applications are designed and implemented in the dBASE/SQL environment. Also included is coverage of Lotus 1-2-3 and an introduction to wordprocessing with WORDPERFECT. 2:0:2

NOTE: Restricted to students enrolled in the Computer Information Systems Program.

Prerequisite: Computer Information Systems 118.

*Computer Information Systems 218 (8)

ADVANCED COBOL PROGRAMMING

Advanced techniques of structured COBOL programming utilized in business application. Topics include sorting techniques, table handling, indexed sequential files, use of subroutines, and systems integration techniques. Students are introduced to record locking/unlocking through the implementation of programs for multiple user access to centralized indexed sequential files on mainframe computers and/or Local Area Network servers. 6:2:2

Prerequisite: Computer Information Systems 118.

NOTE: Restricted to students enrolled in the Computer Information Systems Program.

*Computer Information Systems 318 (1)

C LANGUAGE PROGRAMMING

An introduction to programming in C language as it applies to business information systems. 2:0:0

Prerequisites: Computer Information Systems 118 and Computer Information Systems 218 or equivalent.

NOTE: Priority is given to students enrolled in the Computer Information Systems Program.

*Computer Information Systems 321 (3)

DECISION SUPPORT SYSTEMS

Tools and techniques of systems analysis and management science. Topics include project management — Pert/CPM, decision tables and tree structures, linear programming, simulation and spread sheets. Mainframe and micro computer software packages, including spread sheets, which support these techniques are discussed and used for problem solving exercises. 3:1:0

NOTE: Restricted to students enrolled in the Computer Information Systems Program.

*Computer Information Systems 328 (8)

ASSEMBLER PROGRAMMING

An extensive course in IBM Assembler Language. Topics include language structure and syntax, computer architecture and operation. 6:2:2

Prerequisite: Computer Information Systems 218.

NOTE: Restricted to students enrolled in the Computer Information Systems Program.

*Computer Information Systems 348 (1)

CO-OPERATIVE WORK PLACEMENT REPORT

Work report. The preparation of the work term report, which is evaluated by the Co-operative Education Officer or the program co-ordinator, faculty, and in some cases by the employer gives the student valuable experience in the gathering, analysis, and effective presentation of information in a professional manner. Students select a topic for the work report in consultation with the Co-operative Education Officer and the employer and receive guidelines on how to write a work report from the College. 0:6:0

NOTE: Restricted to students meeting the admission requirements of Co-operative Education.

*Computer Information Systems 349 (6)

CO-OPERATIVE WORK PLACEMENT PERFORMANCE

—Grade S/U (see Page 18)

Work experience. The real-life application of the theoretical studies undertaken in terms 1 and 2 through paid temporary full-time placement in the data processing work force. A comprehensive report on the work term completed outside normal working hours culminates the work experience. Typical work assignments have included program maintenance, conversion of existing programs from one programming language to another, program documentation, console operation, updating of user manuals. 0:0:37

NOTE: Restricted to students meeting the admission requirements of Co-operative Education.

*Computer Information Systems 415 (3)

MANAGEMENT INFORMATION SYSTEMS

This course discusses the integration of basic systems theory with design, implementation, and application of management information systems (MIS). This will facilitate the understanding of MIS goals and the effect of MIS on organization structure and corporate management. 3:1:0

NOTE: Restricted to students enrolled in the Computer Information Systems Program.

*Computer Information Systems 421 (3)

DATA BASE MANAGEMENT SYSTEMS

Design techniques for Data Base Management Systems. Topics discussed include data dictionaries, Entity-Relationships (E-R) data modelling, normalization, relational data structures, access methods, SQL data manipulation language, embedded SQL, data base administration, and data base performance issues. Several data base packages for mainframe, mini and microcomputers are examined. Assignments involving data base design, normalization, and implementation are carried out making extensive use of the SQL data manipulation language. 3:1:0

NOTE: Restricted to students enrolled in Computer Information Systems Program.

*Computer Information Systems 428 (8)

COBOL AND 4GL APPLICATION DEVELOPMENT

Designing and programming on-line business systems using COBOL and PC/FOCUS. Third and fourth generation programming and system development are compared, both in concept and through the design and development of systems using COBOL and PC/FOCUS. Topics covered include file design considerations, file maintenance, report generation and graphing. Students gain experience in using prototyping techniques, accommodating user requirements and systems changes, functioning as a project team, managing tight deadlines and making systems presentations. 6:2:2

Prerequisite: Computer Information Systems 328.

NOTE: Restricted to students enrolled in the Computer Information Systems Program.

*Computer Information Systems 548 (1)

CO-OPERATIVE WORK PLACEMENT REPORT

Work report. The preparation of the work term report, which is evaluated by the Co-operative Education Officer or the program co-ordinator, faculty, and in some cases by the employer gives the student valuable experience in the gathering, analysis, and effective presentation of information in a professional manner. Students select a topic for the work report in consultation with the Co-operative Education Officer and the employer and receive guidelines on how to write a work report from the College. 0:6:0

NOTE: Restricted to students meeting the admission requirements of Co-operative Education.

*Computer Information Systems 549 (6)

CO-OPERATIVE WORK PLACEMENT PERFORMANCE

—Grade S/U (see Page 18)

Work experience. Practical application of academic knowledge gained in terms 1, 2 and 4 and on the job experience gained in the work term 3 to enhance technical skills, professional and personal development. Assignments undertaken are summarized and documented in a report completed outside working hours. Typical work assignments have included program maintenance, program documentation, design, development and implementation of "on-request" user reports, system design and implementation support through the development of test data, systems and program documentation, and user manual preparation, marketing support activities. 0:0:37

NOTE: Restricted to students meeting the admission requirements of Co-operative Education.

*Credit 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

Introduction to computer concepts, programming and processing. Emphasis will be placed on learning through practical hands-on experience with computers. While the intention is not to produce programmers, students will be exposed to programming in BASIC Topics. Examples and assignments will be chosen to suit the particular interests of the students in attendance. 3:1:0

*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

Prerequisites for Fundamentals of Finance 321: Accounting 215 or 285 with a grade of "C" or higher (if taken before Fall Semester 1991 a grade of "C-" or higher), and Mathematics 118 or Mathematics 210 (Mathematics 118 for Marketing and Sales students).

Prerequisite for Fundamentals of Finance 421: Fundamentals of Finance 321 with a standing of "C" or higher (if taken before Fall Semester 1991 a grade of "C-" or higher.)

*General Insurance 115 (3)

PRINCIPLES AND PRACTICE

History and functions of insurance, the law and judicial system, risks/hazards/perils, insurance concepts and contracts, classes of insurance, the insurer, licensing, marketing of insurance, insurance documents and processes, insurance claims, reinsurance, risk management, insurance organizations, trends and current issues (AIIC exam: C11) 4:0:0

*General Insurance 116 (3)

PROPERTY INSURANCE

History and development, definitions, the Provincial Insurance Acts, Fire insurance contracts, insurable and uninsurable risks/perils/hazards, broadening property policies - perils/ extensions, residential policies, package policies, extra coverages, IBC forms, underwriting and rating, claims, trends and current issues (AIIC exam: C12). 4:0:0

*General Insurance 215 (3)

PERSONAL LINES PRODUCTION

The insurance business - overview, sales and markets, legal background and issues, home insurance, condominium covers, homeowner's forms, personal automobile insurance, life insurance agency, planning and process - avoiding overlaps and gaps, special problems - errors/omissions, ethics and standards, trends and current issues (AIIC exam: C71). 4:0:0

*General Insurance 216 (3)

AUTOMOBILE INSURANCE

History and development, applications, policies and forms, endorsements, non-owned liability insurance, fleets, garage coverages, claims, industry programs - availability and indemnity, underwriting/rating, risk analysis/loss control, national/international covers, ICBC Autoplan (BC), private insurers, trends and current issues (AIIC exam: C14). 4:0:0

*General Insurance 310 (1)

CO-OPERATIVE WORK REPORT

Work report. The preparation of the work term report, which is evaluated by the Co-operative Education Officer or the program co-ordinator, faculty, and in some cases by the employer, gives the student valuable experience in gathering, analysis and effective presentation of information in a professional manner. Students select a topic for the work report in consultation with the Co-

operative Education Officer and the employer and receive guidelines on how to write a work report from the College. 0:6:0

NOTE: Restricted to students meeting the admission requirements of Co-operative Education.

*General Insurance 311 (6)

CO-OPERATIVE PLACEMENT PERFORMANCE

—Grade S/U (see Page 18)

Work experience. The application of the theoretical studies undertaken in terms 1 and 2 through paid temporary full-time placement in the work place. A comprehensive report on the work term completed outside normal work hours culminates the work experience. 0:0:37

NOTE: Restricted to students meeting the admission requirements of Co-operative Education.

*General Insurance 316 (3)

LIABILITY INSURANCE

History and development, definitions, types of liabilities, common law, Quebec civil code, legal concepts, the liability insurance policy - structure, forms, and endorsements, types of liability insurance policies, related liability concepts, umbrella/excess covers, markets, underwriting, reinsurance, case studies, trends and current issues (AIIC exam: C13). 4:0:0

*General Insurance 317 (3)

INSURANCE CLAIMS

History and development, adjusters, the adjusting process, claims, insurance policies, interpretation - all risk/named perils policies, investigation/settlement - the adjuster's role, first party claims - property/automobile/commercial, third party claims, documenting claims, implementation aids, rights/remedies, trends and current issues (AIIC exam: C17). 4:0:0

*General Insurance 318 (3)

COMMERCIAL LINES PRODUCTION 1

Introduction to risk management, exposure identification, analysis, assessment, alternatives and decision-making, monitoring/evaluation, commercial risks, insurance case studies and strategies, property coverages, named perils/all risk policies, business interruption, package policies, modern wording, trends and current issues (AIIC exam: C72). 4:0:0

*General Insurance 415 (3)

COMMERCIAL LINES PRODUCTION 2

Commercial automobile insurance, liability insurance-tort laws, common law and Quebec systems, general liability and special liability policies, error/omissions/professional liability insurance, Directors and Officers liability policies, crime coverages, inland marine policies, financial institutions, trends and current issues (AIIC exam: C73). 4:0:0

*General Insurance 416 (3)

COMMERCIAL LINES PRODUCTION 3

Surety bonds and bonding, marine insurance, protection and indemnity pools, aviation insurance - liability and hull coverages, reinsurance, boiler and machinery, credit and mortgage impairment insurance, glass insurance, political risk insurance, miscellaneous covers, sales and marketing, case studies, trends and current issues (AIIC exam: C74). 4:0:0

*General Insurance 510 (1)

CO-OPERATIVE WORK PLACEMENT REPORT

Work Report. The preparation of the work term report, which is evaluated by the Co-operative Education Officer or the program co-ordinator, faculty, and in some cases by the employer, gives the student valuable experience in the gathering, analysis and effective presentation of information in a professional manner. Students select a topic for the work report in consultation with the Co-operative Education Officer and the employer and receive guidelines on how to write a work report from the College. 0:6:0

NOTE: Restricted to students meeting the admission requirements of Co-operative Education.

*General Insurance 511 (6)

CO-OPERATIVE WORK PLACEMENT PERFORMANCE

—Graded S/U (see Page 18)

Work experience. Practical application of academic knowledge gained in terms 1, 2 and 4 depend on the job experience gained in the work term 3 to enhance technical skills, professional and personal development. Assignments undertaken are summarized and documented in a report completed outside working hours. 0:0:37

NOTE: Restricted to students meeting the admission requirements of Co-operative Education.

*Income Tax 325 (3)

A course on Federal Income Tax as it affects individual taxpayers. The course will provide a practical guide for individuals to prepare their own income tax returns. 3:1:0

Prerequisite: Accounting 115 with a standing of "C+" or higher. (If taken before Fall Semester 1991 "C" or higher.)

*Institutional Business Procedures 116 (3)

An introduction, designed especially for non-business students, to the Canadian business environment and to business principles. Topics include: legal and economic status of businesses and institutions, good management practices, basic accounting, budgeting and basic statistics. 3:1:0

* International Business 327 (3)

(Previously known as Pacific Rim 327)

INTERNATIONAL MARKETING

This course identifies the importance of international market research. It introduces procedures and methods of research and describes major information sources for global market investigations. While taking a global outlook, the course will pay particular attention to the Pacific Rim. 3:1:0

*International Business 330 (3)

(Previously known as Pacific Rim 330)

INTERNATIONAL FINANCE

This course surveys the major techniques for analyzing projects and business ventures globally. It exposes its students to core principles of international economics, foreign exchange, risk management, and international financial markets. The students also learn how international banking and other financial institutions facilitate trade and commerce inside and outside national boundaries. The course also shows students strategies for financing international operations, and appraising risk on both a global and national basis. 3:1:0

*International Business 350 (3)

(Previously known as Pacific Rim 350)

INTERNATIONAL LAW

The curriculum will focus on the legal aspects of international business transactions. The course covers documentary sale, letters of credit, sovereign immunity and the act of state represented in hypothetical problems dealing with commerce or isolation: the decision to trade; the actors: the nations, entities and institutions of international trade; forms of international business; agreements for the international trading of goods; financing the international trading of goods; and the resolution of international disputes. The student is required to assume the role of a legal adviser solving hypothetical fact patterns of a client on international trade issues. 3:1:0

*International Business 425 (3)

(Previously known as Pacific Rim 321)

INTERNATIONAL TRADE

This course will introduce techniques for seeking out market opportunities and supply sources. Methods of commercial development will range from making preliminary contact, to using agents, to setting up branch plants. The content will concern itself heavily with cultural calibration of trade practices. Students will evaluate transportation modes, including costing, and will investigate the roles of governments as promotional and financial intermediaries in trade. While taking a global outlook, the course will pay particular attention to the Pacific Rim. 3:1:0

*International Business 428 (3)

INTERNATIONAL BUSINESS OPPORTUNITIES

An integrative vehicle, this course focuses the curriculum components of the first three terms on practical and thorough searches for business opportunities around the globe. The students will research and plan for implementation of business ventures, relying heavily on market research, information packaging and financing techniques they learn here and in concurrent and previous courses. A major project lies at the heart of this course. It will require travel. 3:1:0

Prerequisite: three successful terms in a business career program.

*International Marketing 322 (3)

This course focuses on practical methods of international market development which entails methods of searching out and securing market opportunities and sources of supply. Methods of market development will progress from the techniques of securing an agent through branch-plant development. There will be a heavy emphasis on market research techniques and recognition of cultural differences. Students will be introduced to transportation

methods and costing, the fundamentals of trade related financial tools and services and the roles of governments to encourage/guide trade. Focus of reference will be on Pacific Rim countries. Both import and export techniques will be covered. 3:1:0

*Investments and Institutions 125 (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 of market conditions and individual securities. 3:1:0

*Keyboarding and Word Processing Skills 115 (3)

An introduction to computer keyboarding and word processing skills for beginners. The student will develop speed and accuracy in keyboarding and a working knowledge of the fundamental operation of a word processing software package. 1:0:3

*Keyboarding and Word Processing Skills 215 (3)

A continuation of Keyboarding and Word Processing Skills 115 leading to a higher proficiency in keyboarding and word processing. Also useful for the student who can already type at a minimum of 30 words net a minute and who wants to improve keyboarding speed and accuracy and acquire or enhance word processing skills. Court Reporting students can develop speed and accuracy to the minimum of 65 net words a minute in accordance with their program requirement. 1:0:3

Prerequisite: Keyboarding and Word Processing Skills 115 or 30 wpm net typing skills.

*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. 3:1:0

Prerequisite: Business Law 115.

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

The study of accounting for the manufacturing enterprise including job order, process and direct standard cost systems. Also includes the identification of relevant costs for decision making, inventory planning, and the use of budgets and standards in planning and evaluating performance. 4:0:0

Prerequisite for Management Accounting 323: Accounting 215, 253, or 285 with a standing of "C+" or higher. (If taken before Fall Semester 1991 "C" grade or higher.)

Prerequisite for Management Accounting 423: Management Accounting 323, with a standing of "C" or higher. (If taken before Fall Semester 1991 "C-" grade or higher.)

*Management Policy and Practices 321 (3)

This course is designed to prepare students to become effective managers. It involves the exploration of the functions of management, the responsibilities of a manager within an organization, and the personal characteristics which make a manager successful. Topics also include the history of management and the future of management. Course material is introduced through lecture, simulations, case studies , and role playing. 3:1:0

Prerequisites: two terms of a business career program or a minimum of 30 credits including Accounting 116, 215 or 285.

*Marketing 115 (3)

The focus of this course is the study of methods used to match supply and demand of goods and services. Topics include consumer motivation, market research, selection of marketing strategy, development of the promotional mix and pricing and inventory management. 3:1:0

*Marketing 310 (1)

CO-OPERATIVE WORK REPORT

Work report. The preparation of the work term report, which is evaluated by the Co-operative Education Officer or the program co-ordinator, faculty, and in some cases by the employer, gives the student valuable experience in the gathering, analysis, and effective presentation of information in a professional manner. Students select a topic for the work report in consultation with the Co-operative Education Officer and the employer, and receive guidelines on how to write a work report from the College. 0:6:0

NOTE: Restricted to students meeting the admission requirements of Co-operative Education.

*Marketing 311 (6)

CO-OPERATIVE PLACEMENT PERFORMANCE

—Graded S/U (see Page 18)

Work experience. The application of the theoretical studies undertaken in terms 1 and 2 through paid temporary full-time placement in the work place. A comprehensive report on the work term completed outside normal working hours culminates the work experience. 0:0:37

NOTE: Restricted to students meeting the admission requirements of Co-operative Education.

*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. 3:1:0

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

*Marketing 327 (3)

This course examines the role of marketing research in the context of business decision-making. A hands on research project will reinforce the theory being covered. 3:1:0

NOTE: Restricted to students in the Marketing and Sales Program.

*Marketing 424 (3)

This course requires the student to put into practice everything learned in the program through the playing of a comprehensive Business Simulation Game. 3:1:0

Prerequisite: Marketing 321.

*Marketing 510 (1)

CO-OPERATIVE WORK PLACEMENT REPORT

Work report. The preparation of the work term report, which is evaluated by the Co-operative Education Officer or the program co-ordinator, faculty, and in some cases by the employer, gives the student valuable experience in the gathering, analysis, and effective presentation of information in a professional manner. Students select a topic for the work report in consultation with the Co-operative Education Officer and the employer, and receive guidelines on how to write a work report from the College. 0:6:0

NOTE: Restricted to students meeting the admission requirements of Co-operative Education.

*Marketing 511 (6)

CO-OPERATIVE WORK PLACEMENT PERFORMANCE

—Graded S/U (see Page 18)

Work experience. The application of the theoretical studies undertaken in terms 1, 2 and 4 through paid temporary full-time placement in the work place. A comprehensive report on the work term completed outside normal working hours culminates the work experience. 0:0:37

NOTE: Restricted to students meeting the admission requirements of Co-operative Education.

*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 how the behaviour of groups and individuals affects organizational performance. Topics to be studied include organizational structure, group process, perception, motivation, communication, power processes, leadership and organizational change. Some emphasis is placed on developing analysis and problem solving skills. 3:1:0

Prerequisite: first year Arts or pre-commerce complete.

*Public Speaking 119L (3) and 119

This course will develop student confidence and speaking skills. It is a mandatory requirement for the Accounting diploma and for the Business, Finance and Investment Management diploma. 0:0:2

Prerequisite for Public Speaking 119: Public Speaking 119L.

NOTE: Restricted to Business Career Program students unless permission granted by the Department Chair.

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

A thorough exploration, through two terms, of the role and activity of personal selling and sales management with emphasis upon the value of practical participation in the sales situation through operational schemes, role-playing, 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 the Department Chair.

*Small Business 115 (3)

STARTING A SMALL BUSINESS

A practical course which introduces the relevant aspects of setting up a small business. These include basic accounting concepts, forms of legal ownership, basic market research, determination of marketing and personnel policies, budgeting, financing, purchasing, promotion, and pricing. Also explored are the personal characteristics of the successful entrepreneur. 3:1:0

NOTE: Small Business 115 is not part of the Small Business Program.

*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. 3:1:0

Prerequisites: Small Business Fundamentals 118 and Small Business Marketing Skills 128.

*Small Business Fundamentals 118 (6)

A practical overview of small business fundamentals such as forms of ownership, issuing of shares, record keeping, cash flow, financial statements, contract law, site selection, assessment of financial needs etc. 5:0:2

*Small Business Marketing Skills 128 (7)

A study of basic marketing concepts which are relevant to the small business entrepreneur. The topics covered include the environment for marketing decisions (competition, industry studies, legal, political, economic and societal influences); consumer and industrial markets, customer analysis, research and sales forecasting; product/service strategies; pricing considerations, promotional strategies and channels of distribution. 4-1/2 :2:0

*Small Business Marketing Skills 228 (6)

A more detailed study of the marketing concepts covered in Small Business Marketing 128. The topics covered include product assortment planning; supplier considerations; location analysis; layout and display techniques; media considerations; sales promotion, management and planning; personnel selection and training; personal selling and public relations. This course will enable students to develop a well-documented marketing base for their Small Business Plan. 4:4:0

Prerequisite: Small Business Marketing Skills 128.

*Small Business Planning Skills 235 (5)

A course which emphasizes the application of the "how to" techniques on the development of individual Small Business Plans. Additional concepts included are leadership and the role of the entrepreneur as an employer. In this course students select a business venture and conduct the research and planning required for the eventual implementation of a business. 5:1:0

Prerequisites: Small Business Fundamentals 118 and Small Business Marketing 128.

COMMUNITY SERVICES PROGRAMS

COURT REPORTER DEPARTMENT - PROGRAM

This is a five term (20 month continuous) program offered in cooperation with the Ministry of the Attorney General of British Columbia. This program trains you in the skills and duties of verbatim machine shorthand for free lance and 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 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.

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 must have secondary school graduation or 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 be required to attend an orientation and testing session conducted by program faculty.

Preference will be given to applicants with above average achievement in typing, English and related subjects. Acceptance into the program will be determined by pre-admission tests given at the College between April and July of year of application.

Please see general requirements for enroling for the first time in Career Programs, page 13.

FIRST TERM
Business Law 115
Communication 116
Machine Shorthand 118
Machine Shorthand 128
Transcription 138

SECOND TERM
Keyboarding and Word Processing Skills 215
Legal Procedures 225
Machine Shorthand 228
Machine Shorthand 258
Transcription 238

THIRD TERM
Biology 151
Court Reporting Workshop 348
Machine Shorthand 328
Machine Shorthand 358
Transcription 338

FOURTH TERM
Court Reporting Workshop 448
Machine Shorthand 428
Machine Shorthand 458
Transcription 438

FIFTH TERM
Court Reporting Practicum 549
Machine Shorthand 528
Machine Shorthand 558
Transcription 538
Transcription Practicum 539

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

NOTE: Be sure to check the prerequisites for the Arts and Science courses which are part of this program.

*Court Reporting Workshop 348 (3)

Proceedings at Inquest, Preliminary Inquiry, and Provincial Court trials, using the multi-party dictation boards for nine party dictation. 2:0:3

Prerequisites: Machine Shorthand 228/258 and Transcription 238.

*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. 2:0:3

Prerequisites: Court Reporting Workshop 348, Machine Shorthand 328/358 and Transcription 338.

*Machine Shorthand 118 (3) and 128 (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 228 (2)

Speed building from taped material, with speed testing to 125 w.p.m. in the Steno Lab. 1:0:4

Prerequisites: Machine Shorthand 118 and 128.

*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. 2:0:8

Prerequisites: Machine Shorthand 118 and 128.

*Machine Shorthand 328 (2)

Speed building from taped material with speed testing to 150 w.p.m. in the Steno Lab. 0:0:5

Prerequisite: Machine Shorthand 228.

*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. 2:0:8

Prerequisite: Machine Shorthand 258.

*Machine Shorthand 428 (2)

Speed building from taped material with speed testing to 175 w.p.m. in the Steno Lab. 0:0:5

Prerequisite: Machine Shorthand 328.

*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 word density. 2:0:8

Prerequisite: Machine Shorthand 358.

*Machine Shorthand 528 (2)

Speed building from taped material with speed testing to 200/225 w.p.m. in the Steno Lab. 0:0:5

Prerequisite: Machine Shorthand 428.

*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. 2:0:8

Prerequisite: Machine Shorthand 458.

*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". 2:0:3

Prerequisites: Transcription 138, Machine Shorthand 118 and 128.

*Transcription 338 (3)

Transcribing material dictated in the Court Reporting Workshop, and tests directly from shorthand notes. 2:0:3

Prerequisites: Transcription 238, Machine Shorthand 228, 258.

*Transcription 438 (3)

Transcribing the material dictated in Court Reporting Workshop and tests from the Machine Shorthand classes, all in the required style and format. 2:0:3

Prerequisites: Transcription 338, Machine Shorthand 328 and 358, Court Reporting Workshop 348 and Keyboarding and Word Processing Skills 215.

*Transcription 538 (3)

Transcription of material from tests in required format. 2:0:3

Prerequisites: Transcription 438, Machine Shorthand 428 and 458, Court Reporting Workshop 448.

*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

Prerequisites: Court Reporting 448, Machine Shorthand 428 and 458, and Transcription 438.

*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

Prerequisites: Court Reporting 448, Machine Shorthand 428 and 458, and Transcription 438.

CRIMINAL JUSTICE DEPARTMENT - PROGRAM

The Department presently offers only one full-time program over four terms comprising general Arts courses (approximately one half of the program) and specific courses oriented to careers in the Criminal Justice System. There is presently no provision for part-time studies.

The objective of the program is to provide basic education for law enforcement careers including but not limited to policing, corrections, private security customs, and court services such as sheriff's.

It should be noted that law enforcement agencies often have criteria such as age, physical characteristics and conditioning, good character (eg: no criminal record) and skills such as swimming, driving and first aid. The candidate should ascertain these in advance by contacting the relevant agency.

Admission Requirements:

In order to be admitted to the program:

- You must have a complete B.C. grade 12 standing or equivalent and evidence of good student potential. If you are a mature student who has less than academic standing you may be accepted into the program provided you can evidence the ability to handle college level academic work. In addition, some written work may be requested at the time of the interview.
- You must demonstrate basic English language proficiency. This can be done by submitting results of the "LPI" test sufficient to enter English 127, or by having a college level English course similar to English 127 with at least a "C" grade.
- You may be asked to attend for an interview to discuss your admission, including your career goals, maturity, emotional stability and other factors which may affect your abilities.

APPLICATIONS:

Your application will not be processed unless and until all required information is included, together with necessary educational transcripts and documentation.

In order for your application to be in good standing, you must submit:

1) A completed career application form with special attention paid to work experience — full or part-time and/or volunteer experience. (Those not currently in secondary school must account for all their time since leaving secondary school, describing job titles, duties, etc. whenever possible.)
2) A copy of all educational documents to date.

- Those still in secondary school should attach official copies of:
  a) final grade 11 Report Card (or official record) and
  b) latest grade 12 Report Card with at least two sets of grades.
- Secondary school graduates must submit an official copy of their graduation transcript provided by the Department of Education.
- All applicants must submit copies of official statements of marks of any post-secondary (University, College, BCIT, etc.) course work completed.

- Those applicants completing secondary school standing through special programs should provide official documentation to this effect.

3) Letters of reference.

FIRST TERM
Criminal Justice 115
English 127
Law 116
Computer Information Systems 212
Physical Education 116
Political Science 119

SECOND TERM
Communication 117
Criminal Justice 215
Law 216
Physical Education 112
Psychology 115
Security 215

THIRD TERM
Communication 118
Community Resources 315
Law and Court Procedures 316
Psychology 215
Physical Education 125
Sociology 121

FOURTH TERM
Criminal Justice Practicum 419
Criminal Justice 415
Philosophy 100
Psychology 317
Sociology 205

You must successfully complete Criminal Justice, Law, Security and Community Resources subjects in the preceding term before enroling in the following term.

To be eligible for second, third and fourth terms, you must have a minimum "C" grade in all other subjects unless granted permission to advance by Program Co-ordinator.

NOTE: Be sure to check the prerequisites for the Arts and Science courses which are part of this program.

The following courses are restricted to students taking the Criminal Justice Program:

*Community Resources 315 (3)

INTRODUCTION TO CORRECTIONS

The purpose of this course is to familiarize the student with various theoretical and practical issues facing the Corrections arm of the Canadian Criminal Justice System. Included in the course will be an exploration of the historical underpinning of Canadian Corrections as well as its role and present structure. This course will examine sentencing options (available to the judiciary) and their impact on the operations of Corrections. In addition, Criminal Justice 315 will explore relevant issues relating to life as an inmate or a correctional officer within the present system. 3:1:4

Prerequisite: Criminal Justice 115.

*Criminal Justice 115 (3)

INTRODUCTION TO THE CRIMINAL JUSTICE SYSTEM

This course is designed to introduce the student to the various components of the Canadian Criminal Justice System (C.J.S.), the roles of its principle participants, the interaction between the components and some of the issues which both facilitate and complicate the administration of justice in Canada. The course will also focus on the special topics that include: Youth, Natives and Women in the C.J.S.; the Charter and the C.J.S. and the changing role of corrections and the Criminal Justice System. Finally, there will be an in-depth examination of the Donald Marshall Jr. case and the subsequent Royal Commission inquiry into the Marshall case. 3:1:0

*Criminal Justice 215 (3)

INTRODUCTION TO POLICING

This course will examine many issues affecting policing in Canada. Time will be spent tracing the historical underpinnings of the Canadian policing experience and how these events dictated and confused the mandate of the police officer. Contemporary issues to be explored will include: the selection, training and promoting of officers; the types of police work, specifically the patrol and detective functions; Community policing; police powers; discretion; police misconduct; the police sub-culture and, the police organization. 3:1:0

Prerequisite: Criminal Justice 115.

*Criminal Justice 415 (3)

MULTICULTURALISM AND THE CRIMINAL JUSTICE SYSTEM

The purpose of this course is to familiarize the student with multicultural issues that relate to the administration of justice in Canada. The central issues to be explored are values, belief systems, culture, prejudice, discrimination, stereotyping, employment equity and immigration. Once these issues are understood, an examination will begin into those areas where culture conflicts with the philosophical and legal intent of the criminal justice system. 4:0:0

Prerequisites: Criminal Justice 115, 215, and Community Resources 315.

*Criminal Justice Practicum 419 (3)

—Graded S/U (see Page 18).

The student will be assisted in arranging a placement of at least one day per week, over at least 8 weeks, in a Criminal Justice agency, in order to observe and experience a work environment. Grading is S/U on the 0:1:8 basis of evaluation by the agency and the instructor. A weekly seminar is also required. 0:1:8

*Law 116 (3)

INTRODUCTION TO CANADIAN LAW AND LEGAL INSTITUTIONS

General introduction to jurisprudence, sources and divisions of law, the development of the Canadian Constitution, major legal institutions, doctrines of Precedent and Stare Decisis, the rules and principles of statutory interpretation and significant areas of substantive law.

Prepares students for law and law related courses in the Department, and for further study in other settings. 3:1:0

*Law 216 (3)

CRIMINAL LAW

General introduction to nature, purpose, scope, sources and general principles of Criminal Law in Canada. Review of history and evolution of Canadian Criminal Law. Study of concepts of Mens Rea and Actus Reus. Critical examination of legislative policies expressed in the Criminal Code. Analysis of criminal responsibility. Review of legal principles in relation to selected major crimes and defences in Canada. 3:1:0

Prerequisite: Law 116 and successful completion of the first term of the Criminal Justice Program.

*Law and Court Procedures 316 (3)

CRIMINAL LAW AND PROCEDURE

Critical examination of selected topics in criminal procedure and evidence, including cross-national comparisons where appropriate. Detailed examination of the impact of the Charter of Rights on criminal procedure and admissibility of evidence. Review of various procedures contained in Young Offenders Act and selected regulatory legislation. 3:1:2

Prerequisite: Law 116 and 216 and successful completion of 2 terms of the Criminal Justice Program.

*Security 215 (3)

SECURITY

Protection of commercial and industrial operations against profit loss through theft, burglary, shoplifting, credit card and insurance frauds. This course will include guest lecturers, plant visits. 3:1:2

EARLY CHILDHOOD EDUCATION DEPARTMENT - PROGRAM

The Rationale

For various reasons in our modern society it is necessary to provide care for many young children outside of their homes. More than a "love" of children, or a passing interest in them, is necessary to prepare for this important work. You must have a sincere desire to learn about, understand and enjoy young children and the ability to work as a member of a team of colleagues and community professionals. It is also essential to have an understanding of yourself and your reaction to human behaviour. A sense of humour is a great asset.

Employment Opportunities

There are several types of job opportunities for graduates of this program. Graduates are currently employed in parent participation pre-schools, privately operated nursery schools and kindergartens, profit and non-profit day care centres, hospital play therapy centres, special education centres, family day care centres, family service centres and other child minding services. A few graduates have taken further education and secured positions as Early Childhood Education instructors and consultants. Both men and women are needed in this field but because of the responsibility of the job, employment opportunities for the younger graduates are more 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 and emotionally healthy and, therefore, must have a medical examination during the three month period prior to entry into the program. A MEDICAL FORM FOR THIS REPORT WILL BE SENT TO YOU BY THE COLLEGE, ALONG WITH YOUR LETTER OF ACCEPTANCE. YOUR PHYSICIAN MUST SUBMIT THIS REPORT DIRECTLY TO THE COLLEGE HEALTH SERVICE AT LANGARA BEFORE PERMISSION TO REGISTER IS GRANTED.
- Final acceptance into the program is conditional upon a criminal records search. Results must be sent to the Registrar before registration will be considered complete.
- 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)
  Letters of reference

Please see general requirements for enroling for the first time in Career Programs, page 13.

The Curriculum

Langara offers a one year, full-time day program, which is designed to prepare students to meet the requirements of the Community Childcare Facilities Licensing Board. Graduates receive a certificate upon completion of the program. Those who complete an additional year of academic studies at Langara are eligible for a Coordinated Diploma in Early Childhood Education. A Diploma in Early Childhood Education will be awarded to those students who complete the Early Childhood Education Program and subsequently complete the Early Childhood: Special Education Program.

NOTE: If students wish to be awarded the Diploma in Early Childhood Education they must not apply for a certificate in either the Early Childhood Education Program or the Early Childhood: Special Education Program. Credits may not be used for both a Certificate and a Diploma.

Entry into this program takes place only in September. Practical experience in a variety of early childhood education centres is an essential part of the program.

FIRST TERM	SECOND TERM
Early Childhood Education 101	Early Childhood Education 201
Early Childhood Education 102	Early Childhood Education 202
Early Childhood Education 103	Early Childhood Education 203
Early Childhood Education 104	Early Childhood Education 204
Early Childhood Education 115	Early Childhood Education 215
Early Childhood Education 116	Early Childhood Education 217
Early Childhood Education 118	Early Childhood Education 218
Early Childhood Education 119	Early Childhood Education 219
Psychology 118 or 324	Psychology 218
English 127	Communication 115

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

Entrance to term II depends on successful completion of term I. Similarly, entrance to term III depends on successful completion of the term II.

Term I serves as an introduction and overview of the field and an orientation to pre-school programs.

Term II focuses on program planning with an emphasis on activities and learning experiences in various curriculum areas.

In the third term students are encouraged to put all the elements together, to organize and evaluate learning experiences, and to integrate the child with special needs.

Practical experience in the field in each term supports the particular learning objectives for that period and the amount of time spent in the field increases with each term.

NOTE: Be sure to check the prerequisites for the Arts and Science courses which are part of this program.

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

LANGUAGE ARTS FOR YOUNG CHILDREN
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. 1:0:1/2

Prerequisites: 101, none; 201, 101; 301, 201.

1-1/2 hours per week each term, 1 credit each term.

*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 for young children. Workshop sessions will provide practical experiences in the various facets of the art program. 1/2:0:1

Prerequisites: 102, none; 202, 102; 302, 202.

1-1/2 hours per week per term, 1 credit per term.

*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. 1/2:0:1

Prerequisites: 103, none; 203, 103; 303, 203.

1-1/2 hours per week per term, 1 credit each term.

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

EXPLORING THE ENVIRONMENT WITH YOUNG CHILDREN
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. 1/2:0:1

Prerequisites: 104, none; 204, 104; 304, 204.

1-1/2 hours per week each term, 1 credit each term.

*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 116 (3)

KNOWING THE INDIVIDUAL CHILD
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 118 (3)

INTRODUCTION TO PROGRAM PLANNING
A practical introduction to the planning and development of programs for early childhood, with emphasis on the basic principles on which decisions are made regarding instruction and practice. 3:0:0

*Early Childhood Education 119 (3)

PRACTICUM I
— Graded S/U (see Page 18).
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 215 (3)

MODERN THEORIES AND CONTEMPORARY PROGRAMS
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. 3:1:0

Prerequisite: Early Childhood Education 115.

*Early Childhood Education 217 (3)

HUMAN RELATIONS IN EARLY CHILDHOOD PROGRAMS

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 218 (3)

PROGRAM PLANNING AND IMPLEMENTATION

Practical aspects of planning, implementing, and evaluating curricula in early childhood education programs with emphasis on teaching strategies, activities and learning encounters are discussed and practised in this course. 3:0:0

Prerequisite: Early Childhood Education 118.

*Early Childhood Education 219 (4)

PRACTICUM II

— Graded S/U (see Page 18).

Practical experience for developing the skills necessary for curriculum planning in selected early childhood education centres. 0:0:12

Prerequisite: Early Childhood Education 119.

*Early Childhood Education 315 (3)

DEVELOPING AND SUPERVISING EARLY CHILDHOOD CENTRES

Emphasis in this course is on the role of the supervisor in the organization and continuing development of Early Childhood Education programs, community relationships and professional development. 3:1:0

Prerequisites: Early Childhood Education 115, 215, 217.

*Early Childhood Education 318 (3)

EVALUATING AND INDIVIDUALIZING PROGRAMS

Emphasis in this course is on the provision of integrated learning experiences which are geared to the developmental level of the individual child, including those children with uniquely different needs: "Putting it all together". 3:0:0

Prerequisites: Early Childhood Education 118, 218.

*Early Childhood Education 319 (5)

PRACTICUM III

— Graded S/U (see Page 18).

Advanced supervised field work experience with particular emphasis on planning and implementing programs in Special Education and in Daycare. 0:0:16

Prerequisites: Early Childhood Education 119, 219.

*Early Childhood Education 325 (3)

HEALTH, NUTRITION AND SAFETY 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. 2:1:1

Prerequisite: completion of second term.

THE EARLY CHILDHOOD EDUCATION: SPECIAL EDUCATION POST BASIC CERTIFICATE PROGRAM

This program meets the criteria for the P.C.C.F.L.B. Special Needs Preschool Supervisor Credential. This program is offered on a part-time basis in the evenings in order that it will be easily available to employed Early Childhood educators.

Program

Early Childhood Education 415
Early Childhood Education 417
Early Childhood Education 418
Early Childhood Education 419
Psychology 318

*Early Childhood Education 415 (3)

INTRODUCTION TO EARLY CHILDHOOD SPECIAL EDUCATION

This course is designed to orient students to special education through counselling in career selection and self-assessment. Perspectives in teaching children with special needs will include early intervention, overview of children with special needs, assessment, prescriptive teaching. 3:0:0

Prerequisite: Early Childhood Education 315 or equivalent.

*Early Childhood Education 417 (3)

HUMAN RELATIONS

This course is designed to present the techniques and skills required for the early childhood educator to work effectively with children with special needs and their families. Emphasis will be placed on team and interdisciplinary approaches to child care and guidance, administration and funding concerns. There will be an overview of the community resources available to lend support to the child with special needs and his/her family and the early childhood educator. 3:0:0

Prerequisite: Early Childhood Education 217 or equivalent.

*Early Childhood Education 418 (3)

SPECIAL EDUCATION PROGRAM PLANNING

This course covers early childhood program planning, use of materials and equipment, the role of the supervisor, techniques of classroom management, learning phenomena in children and methods of meeting the needs of individual children with special needs.

It is designed to acquaint the student with early childhood education curriculum planning and implementation including nutrition and feeding, behavioral objectives, lesson plans, resource units, and long term planning for children with special needs, with emphasis on the child in an integrated setting. 3:0:0

Prerequisite: Early Childhood Education 318 or equivalent.

*Early Childhood Education 419 (3)

EARLY CHILDHOOD: SPECIAL EDUCATION PRACTICUM

The purpose of this course is to provide practical experience in an early childhood centre integrating children with special needs or a special education program. Opportunities for planning and carrying out specific learning activities and working with young handicapped children, individually and in groups, will be provided. 0:0:14

Prerequisite: Early Childhood Education 319 or equivalent.

FOOD SERVICES SUPERVISOR/ TECHNICIAN DEPARTMENT - PROGRAM

To meet the need for trained supervisory personnel in the field of institutional food service, this program was established through the efforts of the British Columbia Dietitians' and Nutritionists' Association.

The program provides the theory and practical experience to enable the graduate to work in a technical and/or supervisory capacity in the food services departments of health care, educational, industrial and similar commercial institutions. On completion of the program, the graduate is eligible for membership in the Canadian Food Service Supervisor's Association.

The program runs continuously throughout the year; as well as spending four terms studying on campus, the student will be required to work in an appropriate food service during the third term and for three weeks at the end of the fifth term. For all practical experience, the students will be required to purchase white lab coats and suitable duty shoes.

Admission Requirements:

1. Sufficient maturity to assume supervisory responsibilities upon graduation.
2. A sincere interest in people and the ability to work co-operatively as a member of a management or clinical team.
3. Willingness to work shifts any five days of the week.
4. Preferably a willingness to accept employment in any area of the province.
5. You must provide evidence that you are physically and emotionally healthy, and therefore must have a medical examination during the three-month period prior to entry into the program. A MEDICAL FORM FOR THIS REPORT WILL BE SENT TO YOU BY THE COLLEGE, ALONG WITH YOUR LETTER OF ACCEPTANCE. YOUR PHYSICIAN MUST SUBMIT THIS REPORT DIRECTLY TO THE COLLEGE HEALTH SERVICE AT LANGARA BEFORE PERMISSION TO REGISTER IS GRANTED.
6. References, including one from a previous employer.
7. Preference will be given to applicants with previous work experience in the food service industry, either the institutional or hospitality field.

FIRST TERM
Communication 118
Foodservice 115
Foodservice 118
Foodservice 128
Biology 145

SECOND TERM
Biology 160
Communication 115
Foodservice 215
Foodservice 218
Foodservice 228
Foodservice 229
Psychology 115

THIRD TERM
Foodservice 239

FOURTH TERM
Foodservice 328
Foodservice 338
Foodservice 329 or 439
Mathematics 119
Institutional Business Procedures 116
Sociology 120 or 121

FIFTH TERM
Foodservice 321
Foodservice 428
Foodservice 448
Foodservice 439 or 329
Personnel Management 115
Foodservice 518
Foodservice 519

* The following courses, except Foodservice 115 and 215, are restricted to students enrolled in the Food Services Supervisor/Technician program.

NOTE: Be sure to check the prerequisites for the Arts and Science courses which are part of this program.

*Foodservice 115 (3)

NORMAL NUTRITION
An introduction to the science of nutrition. A study of the functions and sources of nutrients enabling the student to relate nutritional needs to meal planning for optimum health. 3:1:0

*Foodservice 118 (3)

INTRODUCTION TO INSTITUTIONAL FOODSERVICE
A study of the standards required for operation of institutional food service. Areas of study include organization, problem solving, sanitation and safety, staff training and work simplification. 3:1:2

*Foodservice 128 (6)

STANDARDS FOR FOOD PREPARATION
A lab course emphasizing the principles, techniques and standards involved in the preparation of quality food. The student develops the skill of evaluation and analysis of procedures for recipe development. 2:2:4

*Foodservice 215 (3)

THERAPEUTIC NUTRITION
Development and adaptation of the principles of nutrition for the treatment of disease. Using the B.C. Diet Manual, this class will investigate therapeutic diets and their role in treating the patient's condition. 3:1:0

Prerequisite: Foodservice 115 or the equivalent.

*Foodservice 218 (3)

FOODSERVICE DELIVERY SYSTEMS
A survey of the methods of production, distribution and service of foods currently used to provide meals in a variety of institutional systems. 2:2:0

Prerequisite: Food Services 118.

*Foodservice 228 (3)

QUANTITY FOOD PRODUCTION I
This course applies the principles of quality food preparation to the production of food in large quantity. The student is introduced to the organization of a production kitchen focusing on the procedures and equipment used to handle protein foods. 2:1:1

Prerequisite: Foodservice 128.

*Foodservice 229 (3)

FOODSERVICE WORKER PRACTICUM
Each student is individually assigned 60 hours of supervised and evaluated work experience providing lunch and catered meals in campus facilities. This experience is an opportunity to apply and develop work habits, teamwork and organization in a food service operation. 1:1:3

Prerequisite: Foodservice 128.

*Foodservice 239 (3)

FOODSERVICE WORKER FIELD EXPERIENCE (CO-OPERATIVE EDUCATION)
Each student will spend term three employed as a dietary aide/food service worker in a cooperating food service. Students will be assessed on their work skills, understanding of the foodservice system and interpersonal skills. They must demonstrate their potential for foodservice within 300 hours of work. Failing to do so may mean extending this work experience one additional term. 0:0:20

Prerequisite: Foodservice 229.

*Foodservice 321 (3)

APPLIED THERAPEUTIC NUTRITION
This is a combined workshop/lab course dealing with the writing and production of therapeutic diets. The student will develop skills in planning and preparing special diets and patient interviewing. 2:1:2

Prerequisite: Foodservice 215.

*Foodservice 328 (3)

FOODSERVICE SUPERVISION
This course deals with the supervisory problems encountered in directing workers in institutional food services. Problems discussed include training, scheduling, evaluating and organizing work. 2:2:0

Prerequisites: Foodservice 118 and 239.

*Foodservice Practicum 329 (3)

FOODSERVICE SUPERVISION PRACTICUM
Using the campus facilities each student will complete a minimum of one week supervising the lunch service as well as catering projects. The student supervisors will be evaluated on this ability to schedule work, deal with problems, control inventory, and evaluate staff. 0:1:4

Prerequisites: Foodservice 229 and 239.

*Foodservice 338 (3)

QUANTITY FOOD PRODUCTION II
A continuation of the study of quantity food production. This course will focus on production of salad and sandwiches, soups and sauces, vegetables and desserts. Procedures, equipment and organization are emphasized. 2:1:1

Prerequisite: Foodservice 228

*Foodservice 428 (3)

FOODSERVICE MANAGEMENT
This course addresses the responsibilities of management, which include cost controls, purchasing and receiving, computer and information systems, and quality assurance. 2:2:0

Prerequisite: Foodservice 118.

*Foodservice 439 (3)

FOODSERVICE MANAGEMENT PRACTICUM
The on-campus facilities will be used in this practicum to give the student an opportunity to assume managerial duties including menu planning recipe development, report writing, purchasing, costing and stock control. As well, the student will further develop the interpersonal skills of teamwork and dealing with the client. Lunch service and catering will provide the opportunity to develop and evaluate these responsibilities. 0:1:4

Prerequisites: Foodservice 229 and 239.

*Foodservice 448 (2)

MENU PLANNING
This course will cover the principles and applications involved in development of menus for a variety of institutional settings. Workshop time will be spent preparing and assessing menus which meet the needs of the customer as well as the foodservice. 1:1:1

*Foodservice 518 (2)

FOODSERVICE FACILITIES PLANNING
In this final workshop students will apply their knowledge of systems service and production to the design of an institutional foodservice layout. Planning will require both understanding of foodservice and teamwork. 1:0:2

Prerequisites: Foodservice 118, 218, 228, and 338.

*Foodservice 519 (3)

FOODSERVICE SUPERVISORY/CLINICAL FIELDWORK
Following completion of all core courses in the program, each student will be assigned to health case institution to complete a minimum of three weeks experience utilizing both supervisory and clinical skills in a work environment. Following this assignment, students will take part in a one day seminar on the campus to complete the requirements of graduation. 0:1:6

LIBRARY TECHNICIAN DEPARTMENT - PROGRAM

This two-year four-term Library Technician diploma program has been developed in accordance with the recommendations made by the Canadian Library Association Committee on Library Technicians (Role and Education). The program prepares you for clerical and para-professional duties in libraries. Less than one-half the program's courses are academic (transferable to university), and you will spend more than 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 public 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 under 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 terms 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 enroling for the first time in Career Programs, page 13 .

FIRST TERM	SECOND TERM
English 127 or 128	English 229 or 230
Computer Information Systems 212	Business Procedures 115
Library 118	Library 218
Library 120	Library 219
Keyboarding and Word Processing Skills 115 or 1 Elective	1 Academic Elective
	Keyboarding and Word Processing Skills 215 or 1 Elective
THIRD TERM	**FOURTH TERM**
History 117	Political Science 119, 209 or 219
Psychology 115 or a lab science	Psychology 215 or lab science
Library 315	Library 416
Library 318	Library 419, 2 of Library 410, Library 411, Library 195
2 Academic Electives	

*Students who have keyboarding skills sufficient to demonstrate a corrected typing speed of 45 w.p.m. must take other college credit courses instead of Keyboarding and Word Processing 115/215.

NOTES:

1) 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.
2) Be sure to check the prerequisites for the Arts and Science courses which are part of this program.

*Library 118 (3)

TECHNIQUES I

Cataloguing procedures, including choice of main and added entry headings, descriptive cataloguing, and derivative cataloguing. 4:0:1

*Library 120 (3)

PHILOSOPHY AND FUNCTIONS

History of books and libraries, as well as current trends and issues in the library world. 4:0:0

*Library 195 (3)

SPECIAL TOPICS IN LIBRARY TECHNIQUES

This number is reserved for Library Technician courses that may be offered from time to time by:

a) College Library Technician Faculty who may wish to present a course in their specialty which may be of limited interest; or
b) Visiting Library Technician Lecturers.

Announcements regarding Library Technician 195 offerings will be made in the semester schedule. 3:1:0

Prerequisite will be announced by special bulletin.

*Library 218 (3)

TECHNIQUES II

Technical services, including selection aids and collection development, acquisitions, bibliographic searching, processing, circulation, serials control, government publications. 3:0:1

*Library 219 (3)

FIELD WORK I

Building of a local resources file through visits to libraries and related industries; the work place, including role of the library technician, dealing with conflict and the difficult patron, working in groups and committees. Two weeks of practicum follow the final examination period in April. A one-day class colloquium follows the practicum. 0:0:11

Prerequisites: at least two Library Techniques courses that may be taken concurrently.

*Library 315 (3)

NON-BOOK MATERIALS

Introduction to the handling, organization, and cataloguing of non-book materials including film, audio and video tape, pictures, pamphlets, etc.; basic selection, operation, and maintenance of audio-visual hardware; production of posters, displays and other materials. 6:0:0

*Library 318 (3)

TECHNIQUES III

Theory and practice of subject analysis, learning to apply Library of Congress, Sears and other specialized subject headings, and to apply Library of Congress and Dewey classification numbers to library materials. 4:0:2

*Library 410 (3)

CHILDREN'S SERVICES

History, evaluation and acquisition of children's literature; library services to children, programming including puppeteering and story-telling. 3:1:0

*Library 411 (3)

INFORMATION HANDLING

Information storage and retrieval and special library services, including indexing, personal file structures, current awareness, search strategy and use of on-line databases, compilation of subject bibliographies. 3:0:1

*Library 416 (3)

READERS' SERVICES

Reference service, including basic tools in both print and electronic form, such as encyclopedias, dictionaries, almanacs, indexes, etc.; interlibrary loan; and dealing with reference queries and the public. 4:0:0

*Library 419 (3)

FIELD WORK II

— Graded S/U (see Page 18).

Four weeks following the fourth term examinations gaining practical experience working in a library. A one-day class colloquium follows the practicum period. Evaluation is done by both the program co-ordinator and the library supervisor. 0:0:10

SOCIAL SERVICE WORKER DEPARTMENT - PROGRAM

This nine-month (September through May) Social Service Worker 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 Social Service Worker diploma is awarded to those who have also completed one year of academic studies at Langara (see page).

Employment opportunities for graduates of the Social Service Worker program vary from year to year because social services have been changing. The training prepares you to perform many social services which do not necessarily require professional social work training. Graduates have found employment with a number of agencies — Ministry of Social Services and Housing, 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. Some employing agencies may require job applicants to submit a criminal records check.

This program is neither designed 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 service courses offered by Continuing Education at both Langara 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 and emotionally healthy, and therefore must have a medical examination during the three month period prior to entry into the program. A MEDICAL FORM FOR THIS REPORT WILL BE SENT TO YOU BY THE COLLEGE, ALONG WITH YOUR LETTER OF ACCEPTANCE. YOUR PHYSICIAN MUST SUBMIT THIS REPORT DIRECTLY TO THE COLLEGE HEALTH SERVICE AT LANGARA BEFORE PERMISSION TO REGISTER IS 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 service 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 enroling for the first time in Career Programs, page 13.

FIRST TERM	SECOND TERM
English 127 or 128	Social Service Worker 117
History and Philosophy of Social Work 115	English 229 or 230
Social Problems 117	Family in Society 115
Economics 115	Psychology 215
Psychology 115	Social Welfare Practice 115
Social Service Workshop 118	Social Service Workshop 218
Social Service Field Work 129L	Social Service Field Work 129*

NOTE: Five week practicum at the end of the program.
NOTE: Be sure to check the prerequisites for the Arts and Science courses which are part of this program.

The following courses are restricted to students enrolled in the Program unless otherwise noted in the semester 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

*Social Service Worker 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

*Social Service 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 group discussions, demonstration sessions, role-playing, case studies, and student reports. 2:2:5

*Social Service Workshop 129L (0) and 129 (6)

During each term, you are assigned to work in one 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

SPECIAL EDUCATION ASSISTANT DEPARTMENT - PROGRAM

The Langara one year (two term) Special Education Assistant Certificate Program prepares students for a variety of para-professional duties in schools with an emphasis on working in special educational settings. The program blends academic, theoretical and practical subject matter. Opportunities for applying theoretical material occur during two five week practicums in public schools and in special education situations. This field work is invaluable in exposing students to the realities of the job, and to potential employers. Those who complete the program plus one year of academic studies at Langara are entitled to both the Certificate and a Co-ordinated College Diploma. The program begins in September and continues to December for the first term, then starts again in early January and concludes in April.

JOB OPPORTUNITIES

With the advent of integrating children with special needs into the public school system, the need for para-professionals with skills in specific special education areas is apparent. A growing number of school districts in B.C. recognize the importance of support for classroom teachers in order to provide more individualized instruction. The Special Education Assistant performs a variety of para-professional duties:

- Implements, under the direction of the program teacher, individualized or group communication, life skills, behaviour management, work experience, adaptive physical education, pre-vocational and recreational programs.
- Assists in the modification of curriculum to suit the students' special needs.
- Attends and provides personal assistance to handicapped students in toileting, positioning, mobility, feeding, grooming and dressing.

- Transfers and assists students moving to/from wheelchairs, desks, and work areas.
- Supervises and assists the students in bus transportation, and in travelling to and from the bus.
- Supervises students in a variety of community-based activities.
- Performs other related work as required.

Successful Special Education Assistants have an aptitude for working with adults and 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. The work is both stimulating and challenging.

The Special Education Assistant usually works a seven-hour day and a 10-month year, and is paid on an hourly, union-scale basis. Working conditions and fringe benefits are excellent. Because of the nature of the work, employment opportunities for those under 21 years of age and/or for those who are unable to undertake work requiring heavy lifting and severely limited. Some employing agencies may require job applicants to submit a criminal records check.

Admission Requirements:

Since both the program and the job require serious investments both in time and in emotional energies, candidates are carefully screened. And, since facilities for instruction and for practicum placement are limited, minimum admission requirements do not guarantee acceptance into the program.

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 provide evidence that you are physically and emotionally healthy, and therefore must have a medical examination during the three month period prior to entry in the program. A MEDICAL FORM FOR THIS REPORT WILL BE SENT TO YOU BY THE COLLEGE, ALONG WITH YOUR LETTER OF ACCEPTANCE. YOUR PHYSICIAN MUST SUBMIT THIS REPORT DIRECTLY TO THE COLLEGE HEALTH SERVICE AT LANGARA BEFORE PERMISSION TO REGISTER IS GRANTED.
- You must have a successful interview conducted by the co-ordinator of the Program.
- You must have a complete B.C. Grade 12 standing or its equivalent and evidence of good student potential. Demonstrated ability at post-secondary coursework would be an asset. 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 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 be eligible for admission to English 127.
- You should be able to demonstrate an understanding of the role and responsibilities of Special Education Assistants in the school setting. It would be helpful to have had experience in the special education field on either a paid or volunteer basis with references certifying the experiences were successful.
- 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 enroling for the first time in Career Programs, page 13.

FIRST TERM	SECOND TERM
Public Education 116	Public Education 216
Special Education 115	Special Education 215
Special Education Assistant	Special Education Assistant
Workshop 112	Workshop 212
Special Education Assistant Workshop 120	Special Education Assistant Workshop 240
Special Education Field Work 119	Special Education Field Work 219
English 127	Communication 115
Psychology 324	Elective:
Elective:	Sign Language (offered at King Edward) or Special Education Assistant 180 or other course as approved by the Department Chair.
Sign Language (offered at King Edward) or other course as approved by the Department Chair.	

NOTE: Be sure to check the prerequisites for the Arts and Science courses which are part of this program.

The following courses are restricted to students enrolled in the Program.

*Special Education 115 (3) and 215 (3)

A core course which includes some 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, mathematic aids and readers available in primary classrooms is included. Students build resource files of materials and equipment appropriate for use with children with special needs. Special Education 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 the education of exceptional children. A focus is also made on remediation and behaviour modification techniques for use by school personnel. 4:0:0

*Public Education 116 (2)

An introduction to the organization and administration of schools with emphasis upon the school and the community. The role of the Special Education Assistants in the classroom and their relationships with the other professional groups and constituencies involved is given as part of the preparation for the first practicum. A study of controversial issues in education is also undertaken. 3:0:0 1/2 term

*Public Education 216 (2)

This course covers more of the theoretical and philosophical material relating the school to society from both historical as well as contemporary perspectives. Some time is devoted to an examination of controversial issues in education. The Public Schools legislation is examined in detail. Discipline and child management is examined from a variety of viewpoints. 3:0:0 1/2 term

*Special Education Assistant Fieldwork 119 (3) and 219 (3)

Graded S/U (see Page).
During November and March you spend Monday, Tuesday and Wednesday mornings and all day Thursday, working in schools with teachers and students. 119 - 0:0:8
219 - 0:0:19

*Special Education Assistant Workshop 112 (1) and 212 (1)

ARTS AND CRAFTS FOR CHILDREN WITH SPECIAL NEEDS

Primary printing, large and small lettering for classroom use, blackboard skills, flash cards, setting up formats for presentation of work in individualized classroom programming: e.g. posters, art displays, bulletin boards. General crafts, appropriate for children at different developmental levels; special emphasis on materials providing children with special needs with a means of self-expression, and taking into account adaptations for development lags, mental age, physical and emotional difficulties in children with special learning problems. These courses will emphasize the utilization of children's spontaneous art as a setting for therapy. Various dimensions of other expressive arts will be introduced. 0:0:6

*Special Education Assistant 120 (2)

RECREATION FOR CHILDREN WITH SPECIAL NEEDS IN THE SCHOOLS

This course is an introduction to leisure and recreation for children with special needs regarding: concepts, attitudes, barriers, program planning and community resources. Strategies for adapting and implementing special recreation programs will be explored. 2:0:0

*Special Education Assistant 180 (3)

ADVANCED SUPPORT SKILLS

In this course, health professionals prepare students to provide appropriate service to public school students in areas related to: activities of daily living (eg. dressing and feeding), personal care (eg. grooming, washing and toileting), and health related procedures (eg. seizure management, catheterization, nasogastric, gastrosomy, ostomy, and urinary drainage care). Occupational and physiotherapy related support skills, including care of prostheses, wheelchair management and safety, active and passive exercises, will also be introduced. Throughout the course, issues of hygiene, development, and team support will be emphasized. 3:0:2

*Special Education Assistant 240 (2)

SCHOOL INFORMATION RESOURCES:

LIBRARIES, LITERATURE, CURRICULA AND TECHNICAL RESOURCES AND DEVICES

This course begins with a look at the school library, children's literature and the school district library as

educational resources. The role of the librarian in cooperative planning will also be examined. Curriculum used in regular and special education will be reviewed and evaluated. This course will also introduce students to some computers and assistive devices used in regular and special education settings. 2:0:2

COMMUNITY SERVICES COURSES

*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 semester schedule.

Prerequisite will be announced by special bulletin.

FINE ARTS DEPARTMENT - PROGRAM

The Fine Arts Program provides two years of intensive study in Fine Arts. The uniqueness of the program is that it is transferable to universities and art schools in British Columbia, Canada and the U.S.A. The Fine Arts diploma offers a dual purpose to the prospective student:

a) preparation leading toward advanced study at other Art institutions; and
b) foundation training for employment opportunities.

The major program emphasis is on studio art with the opportunity to specialize in the second year. Students take two academic subjects with transferable university credit each year.

FULL-TIME STUDENTS: Students enrolled in the full program are given priority in all course selections.

PART-TIME STUDENTS: Depends on available space in a course. Part-time students will be accepted after all full-time students are placed and on the condition the part-time student takes drawing and design each term. Each part-time application is reviewed by the department.

OPEN COURSES: Open courses are offered for students not in the Fine Arts Program wishing to explore interest in the studio arts on a course by course basis. However, students wishing admission to the regular program (closed) are required to have a portfolio interview with a faculty member of the Fine Arts Department for entry approval.

Completion of the full first year course program or transferred equivalence is recommended before entry into second year.

Admission Requirements:

In order to be admitted to the program:

- you must have a complete B.C. grade 12 standing or its equivalent or be eligible for a Dean's Admission.
- must present a portfolio of art work indicating your area of interest and involvement in art.
- must have a successful interview with the faculty of the Fine Arts Department, at which time your portfolio will be assessed.
- application will not be fully processed until the following documents are received:
  Transcript(s) of marks (if applicable).

You must pay a materials fee each term for basic supplies, plus a kit fee required in 1st term studio courses. The student must also purchase a specific list of personal supplies/tools. In addition, Fine Art Field Trips are funded by the students.

For each studio course, students should expect to commit about 4 hours of studio work per week in addition to class time.

NOTE: The number of Fine Art electives in the second year is dependent upon enrolment.

FIRST TERM	SECOND TERM
Drawing 118	Drawing 218
Design 118	Design 218
Painting 118	Painting 218
Sculpture 118	Sculpture 218
Ceramics 118 or	Ceramics 218 or
Printmaking 118	Printmaking 218
English 127 or 128	English 229 or 230
Art History 114	Art History 214

You must achieve a minimum of a "C" grade each term in all studio courses to be eligible to register in any Fine Arts courses in the following term. e.g. You must achieve a "C" in Painting 218 to register in Painting 318.

THIRD TERM	FOURTH TERM
Drawing 318	Drawing 418
Design 318	Design 418
Art History 113	Art History 213
English 323, 325 or 326	English 327, 424 or 426: Creative Writing
2 Fine Arts electives chosen from the following:	2 Fine Arts electives chosen from the following:
Painting 318	Painting 418
Printmaking 319	Printmaking 419
Sculpture 318	Sculpture 418
Ceramics 318	Ceramics 418

NOTES:

1) Be sure to check the prerequisites for the Arts and Science courses which are part of this program.
2) Students may take Creative Writing to complete their Fine Arts Diploma but taking Creative Writing courses may not satisfy some universities requirements for second year English Literature.

*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. 2:0:4

Announcements regarding Fine Arts and Applied Arts 195 and 295 offerings will be made in the Semester Schedule.

Prerequisites will be announced by special bulletin.

NOTE: THE FOLLOWING STUDIO COURSES ARE RESTRICTED TO STUDENTS IN THE FINE ARTS PROGRAM.

*Ceramics 118 (3) and 218 (3)

This course deals with clays and simple glazes that can be found locally. It emphasizes techniques of hand building and kiln construction. The second term deals with clay and glaze theory, kilns, throwing on a wheel and decorating techniques. 1:0:3

Prerequisite: Ceramics 118 for Ceramics 218.

*Ceramics 318 (3) and 418 (3)

This course emphasizes creative expression with clay to enhance your artistic growth and development. Further development of wheel work and hand building skills. 1:1:2

Prerequisites: Ceramics 218 for Ceramics 318. Ceramics 318 for Ceramics 418.

*Design 118 (3) and 218 (3)

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. 1:0:3

Prerequisite: Design 118 for Design 218.

*Design 318 (3) and 418 (3)

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. 1:1:2

Prerequisites: Design 218 for Design 318. Design 318 for Design 418.

*Drawing 118 (3) and 218 (3)

These courses introduce the student to the basics of drawing, from the fundamental nature of line and range of value to an understanding of drawing materials. The figure, landscape and still life will be used as subject matter. 1:0:3

Prerequisite: Drawing 118 for Drawing 218.

*Drawing 318 (3) and 418 (3)

Extension of the experience in Drawing 218. Emphasis is placed upon problems and media related to a personal form of expression. 1:1:2

Prerequisites: Drawing 218 for Drawing 318. Drawing 318 for Drawing 418.

*Painting 118 (3) and 218 (3)

Introduction to Painting through the exploration of various techniques, palettes, design elements and a study of aesthetic and conceptual problems. 1:0:3

Prerequisite: Painting 118 for Painting 218.

*Painting 318 (3) and 418 (3)

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. 1:1:2

Prerequisites: Painting 218 for Painting 318. Painting 318 for Painting 418.

*Printmaking 118 (3)

INTRODUCTION TO SERIGRAPHY

Printmaking 118 will introduce students to the basic materials and techniques used in creating serigraphic prints, also known as silkscreen prints. By means of demonstrations throughout the term, the instructor will show students four techniques to create imagery; students will complete editions of prints using the demonstrated methods. Through the use of audio-visual materials the students will also be introduced to the history and traditions of printmaking, with an emphasis on serigraphy. 1:0:3

*Printmaking 218 (3)

ADVANCED SERIGRAPHY

Students in Printmaking 218 will continue their personal technical and aesthetic development in serigraphy using methods learned in Printmaking 118. They will also be introduced to the most advanced stencil-making techniques used in both fine art serigraphy and commercial silkscreening: indirect and direct photo emulsion stencils. Studio practise will be supplemented with lectures and demonstrations concerning serigraphic technology, as well as critiques of student work. 1:0:3

Prerequisite: Printmaking 118.

Printmaking 319 (3)

AN INTRODUCTION TO INTAGLIO/RELIEF

Students in Printmaking 319 will be introduced to basic intaglio printmaking methods: the dry point, hard ground etching and soft ground etching. They will also be introduced to a modern intaglio/relief hybrid printmaking method, the collagraph, and will make prints using all four methods. The instructor will also demonstrate methods for producing tonal prints such as the aquatint and mezzotint, which students may incorporate into their work if they wish. Studio activities will be supplemented by slide presentations regarding the history and traditions of printmaking, particularly intaglio and relief. 1:0:3

Prerequisite: consent of the department.

Printmaking 419 (3)

ADVANCED INTAGLIO/RELIEF

Printmaking 419 will allow students to continue developing techniques learned in Printmaking 319, and will also introduce them to more advanced techniques used in coloured intaglio/relief printing. A significant amount of course time will be spent on two major term projects: individual student research of printmaking artists, and the printing of a class portfolio. 1:0:3

Prerequisite: Printmaking 319.

*Sculpture 118 (3) and 218 (3)

This course will introduce the student to the materials, formal elements, organizational design principals, language, concepts and processes of sculpture.

Technical demonstrations in the areas of modelling, casting and constructing with a wide variety of materials will encourage students to articulate their ideas in three dimensions.

The use of audiovisual materials will introduce the student to historical and contemporary sculptural practice. 1:0:3

Prerequisite: Sculpture 118 for Sculpture 218.

*Sculpture 318 (3) and 418 (3)

Advanced study in the understanding and the use of three dimensional form and materials, with emphasis on technique, research, inquiry and discovery. 1:1:2

Audiovisual material and technical demonstrations build on the knowledge gained in Sculpture 118/218.

Prerequisites: Sculpture 218 for Sculpture 318. Sculpture 318 for Sculpture 418.

NOTE: THE FOLLOWING STUDIO COURSES ARE OPEN TO ALL COLLEGE STUDENTS; THE FINE ARTS DEPARTMENT OFFERS ONLY A SELECTION IN ANY GIVEN SEMESTER/TERM. These studies carry college credit.

*Ceramics 117 (2)

A general survey of ceramics with practical use of methods to provide an experience in art. 1:0:2

*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. 1:0:2

*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. 1:0:2

*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. 1:0:2

*Painting 117 (2)

This course introduces form, shapes, illusion, mass, composition, colour, and design through the use of figures, still-lifes, and abstractions. You will use various techniques: brushwork, pen and ink, wash drawing, etc. 1:0:2

*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. 1:0:2

NURSING DEPARTMENT - PROGRAMS

NURSING PROGRAM (COLLABORATIVE)

***Note:* For students first registering in the Nursing Program as of September 1993.**

The Nursing Faculty at Langara, in partnership with the Nursing Faculties of Camosun College, Malaspina College, North Island College, Okanagan University College, University College of the Cariboo, and the University of Victoria, are developing a Collaborative Curriculum. The Collaborative Program replaces the two-year diploma program and offers 3 learning options:

1. Diploma Completion

The first option allows students to exit the program with a diploma having completed five academic terms, a practicum, a consolidated clinical experience, and a bridge out term which will prepare students for the workplace. Graduates of this option are eligible to apply to the Registered Nurses Association of B.C. (RNABC) to write registration examinations. **Currently, Langara is only offering this option.**

2. Degree Completion

The second option involves completion of the program of studies in its entirety to obtain a baccalaureate degree in nursing. Students at Langara will complete five academic terms, a practicum, a consolidated clinical experience, and a bridge out term. Students will be requested by Term II to declare their intent to pursue option 2 (degree completion) and confirm their plan by Term IV. Students, if admitted to third and fourth year, may transfer to Okanagan University College, University College of the Cariboo, or the University of Victoria to complete four more academic terms and two consolidated clinical experiences. Seating for the third and fourth year may be limited. Graduates of this option are eligible to apply to the RNABC to write registration examinations.

3. Degree Completion for Registered Nurses

The third option is designed to allow registered nurses who have a diploma to return and complete four academic terms with two optional consolidated clinical experiences and graduate with a degree. Again, seating availability may be limited. This opportunity is offered

currently at Okanagan University College, University College of the Cariboo, and the University of Victoria, and through distance education from the University of Victoria. The majority of current course offerings at the post Registered Nurses Program at the University of Victoria will have equivalency in the Collaborative Curriculum.

Nursing registration at Langara occurs twice a year; in September and January. **The first term of year one of the program will be implemented in September 1993. Langara will be offering courses to the Bridge out term for diploma completion.** For information regarding the third and fourth year, please call the Nursing Department.

This program includes a broad range of arts and sciences that complement nursing theory and practice. Students will be directly involved with patients/clients in institutional and community agencies that may include evening and/or weekend work. They are responsible for transportation and other expenses incurred during practical work.

Refer to the following diagram for program design and options based on the September or January registration.

SEPTEMBER REGISTRATION

September - December	January - April	May - August
YEAR 1 Term I	Term II	Practicum
YEAR 2 Term III	Term IV	Consolidated clinical experience I
YEAR 3 Term V	option 1 - Diploma Completion (Bridge out) option 2 - Degree Completion (Consolidated clinical experience II) option 3 - Degree Completion for Registered Nurses (Bridge in)	Term VI
YEAR 4 Consolidated clinical experience III	Term VII	Consolidated clinical experience IV
YEAR 5 Term VIII		

JANUARY REGISTRATION

September - December	January - April	May - August
	YEAR 1 Term I	Term II
Practicum	YEAR 2 Term III	Term IV
Consolidated clinical experience I	YEAR 3 Term V	option 1 - Diploma Completion (Bridge out) option 2 - Degree Completion (Consolidated clinical experience II) option 3 - Degree Completion for Registered Nurses (Bridge in)
Term VI	YEAR 4 Consolidated clinical experience III	Term VII
Consolidated clinical experience IV	YEAR 5 Term VIII	

The program will continue to evolve, thus the information is subject to change. The graduate of this nursing program will be prepared to meet the professional practice requirements as identified in the Standards for Nursing Practice in B.C. and the Nursing Competencies and Skills required of the New Graduate. To qualify for registration as registered nurses, applicants must provide evidence, satisfactory to the RNABC Board of Directors, that they are of good character and fit to engage in the practice of nursing. **Applicants with a criminal conviction must contact the RNABC to ensure that the conviction will not prevent them from becoming registered upon completion of the program.** You may obtain information from the Registrar, RNABC.

PURPOSE OF THE PROGRAM

The purpose of this program is to educate nurses to work with individuals, families, groups or communities from a health promotion perspective. The program will assist students to develop a sensitivity to people's experiences with health and healing. By being cognizant of nurses' professional role, students will learn to work as partners with clients and with other health care providers. Through their understanding of and participation in the changing health care system, graduates will be active participants in creating health for all.

PROGRAM GOALS

1. to practice nursing with a health promotion perspective within a variety of contexts and with a diverse client population;
2. to be independent, self-directed, self-motivated, and life-long learners with questioning minds and a familiarity with inquiry approaches to learning;
3. to be scholars who are self-reflective, self-evaluative, accountable, and make clinical judgements based on different ways of knowing, including critical thinking and intuition; and
4. to create and influence the future of nursing practice at a political, social, and professional level by responding to and anticipating the changing needs of society.

Admission Requirements:

The Nursing Department strongly advises that all applicants attend a pre-admission session scheduled in **July/August** for the September class and **October/November** for the January class. The purpose of this meeting is to provide applicants with information about the program and an opportunity to ask questions.

Not withstanding all specific program requirements, Langara reserves the right to deny admission to applicants when, in the opinion of the College, there is significant and substantial evidence, medical, or otherwise, to conclude that by granting admission, the College would jeopardize the safety of patients/clients under the students' care or would otherwise be negligent in providing for the safety and well being of patients/clients, health care agency staff, and other nursing students.

There are 2 routes of admission to the nursing program. Once all admission requirements are met, both categories are considered equally for acceptance into the Nursing Program.

Category I

In order to be admitted to the Nursing Program, normally **Category I** applicants must possess a complete Grade 12 matriculation with an average of "C+" or higher in their Grade XII courses. Courses which must be completed include English 12, Mathematics 11 (Algebra), Biology 11, Chemistry 11, and a Science 12 (preferably Biology 12) with a "C+" or higher in each course. The requirements regarding Chemistry 11 and Mathematics 11 are outlined under the Category II section. If Biology 12 is presented as the Science 12 prerequisite, the Biology 11 prerequisite will be waived.

Category II

Category II are applicants who have not completed Grade XII or did not meet the Category I admission standards within their Grade XII course work. Applicants who have not completed their Grade XII will be considered for admission within the provision of Dean's Admission and will need to upgrade according to the standards outlined below. Applicants who did not meet the required standard within their Grade XII course work are required to meet the standard outlined below.

1. LPI (Language Proficiency Index) level IV or higher, or English 12 with a "C" (please note that the LPI is required of all applicants who wish to enroll in college English courses). Please check with the Counselling Office about exam times and other details for the LPI;
2. "C" in Mathematics 11 or a "C" in Mathematics 12 (or eligibility to enroll in Langara Mathematics 152 based on the Mathematics diagnostic results);
3. "C" in Chemistry 11 or a "C" in Chemistry 12 (or eligibility to enroll in Chemistry 118 based on the Chemistry diagnostic results);
4. "C" in Biology 11 or a "C" in Biology 12 (in lieu of Biology 11);
5. "C" in the chosen Science 12; and
6. "C" or equivalent in any other secondary school upgrading courses needed by the applicant.

Upgrading of secondary school courses may be taken through the school board or at a community college.

Some university transfer courses will be accepted in lieu of the above upgrading courses which will be assessed by Student Services, the appropriate discipline, and the Nursing Department. All documentation and provision of course descriptions are the responsibility of the applicant. An example of this provision are applicants who have completed English 127 or 128 with a "C-" or higher prior to September of 1993. This course will be accepted in lieu of the Grade XII English requirement. In addition, the course would be counted as an advance credit towards the English required within the Nursing Program.

Licensed Practical Nurse's and Registered Psychiatric Nurse's will be required to meet the above admission requirements. It is anticipated that the Nursing Department will have an access program for returning LPN's and RPN's.

A Mathematics and a Chemistry diagnostic test is available from the respective departments. If applicants have completed Mathematics 11 or Chemistry 11 but not within the past 5 years, they will be required to take the diagnostic test. Check with the Counselling Department for available times. In the diagnostic test, applicants must achieve the standard for Chemistry and Mathematics noted in the admission requirements. If not achieved, upgrading of courses to the noted admission standards is required. A diagnostic test for Biology equivalency may be available in the future.

This diagnostic requirement is being waived for applicants entering the program in September of 1993 or January of 1994. This will be a requirement for applicants who wish to enter in September of 1994 or after.

IN ADDITION

Category I and II applicants must:

1. submit two letters of reference from:
   - an individual who has known you for at least the previous year,
   - a non-relative,
   - a professional person (nurse, teacher, lawyer, etc.), or
   - referees who have knowledge of you in a work or learning environment;
2. complete a satisfactory selection interview, when requested, and
3. **possess a current (current refers to the past year)** Standard First Aid Certificate.

AND

4. when offered a seat in the program:
   a. provide evidence of physical and emotional health by undergoing a medical examination during the three month period prior to entry into the nursing program. Normally, immunizations must be completed prior to entry into the nursing program; and
   b. **possess a current (current refers to the past year)** CPR basic rescuer Level C certificate.

PROGRAM OUTLINE

YEAR 1

Term I	**Term II**
Nursing 110	Nursing 111
Nursing 120	Nursing 131
Nursing 130	Nursing 140
Biology 190	Biology 191
# Package I	English 127/128

PRACTICUM
Nursing 170
English 229/230

YEAR 2

Term III	**Term IV**
Nursing 240	Nursing 220
Nursing 250	Nursing 241
Biology 290	Nursing 251
# Package II	Biology 291
	Consolidated clinical experience I
	## Nursing 290

YEAR 3

Term V
Nursing 310
Nursing 320
Nursing 340
Women Studies 321
Philosophy 331

BRIDGE OUT
Nursing 350
Nursing 380

Package: one of Anthropology, Sociology, Psychology, or Philosophy. Ensure the selected course from each package is transferable to the University of Victoria and that each level of course has the necessary prerequisite. Package III in Term VII is at a third year university level. If you have questions, contact the Nursing Counsellor, Student Services.

This program is intended to include a consolidated clinical experience component, however, plans are in the initial stage.

FOR FURTHER INFORMATION

For further information, please contact the Nursing Liaison Counsellor, Student Services.

APPLICATION DEADLINE

The Nursing Program has limited enrollment. **All relevant documents (transcripts must be offical) must be submitted before acceptance into the program.** To allow sufficient time for processing, applicants with out-of-province secondary school, university, or college transcripts are advised to apply to the program and provide their documentation at least 6 months in advance of the registration deadlines. Please see general requirements for enrolling for the first time in Career Programs, page 13.

NURSING COURSES

NOTE: "➢" Indicates a corequisite must be taken.

*Nursing 110 (4)

HEALTH I: HEALTH STYLES

The major emphasis of the course will be on the personal meaning of health. Participants will examine significant theoretical and conceptual frameworks of health in relation to self. By reflecting on personal experiences, participants will have an opportunity to identify personal resources, challenges that impact health, and to recognize the complexity of the change process as related to health promoting behaviour. No prerequisite. 4:0:2

Corequisite: ➢Nursing 120: Professional Growth I

*Nursing 120 (5)

PROFESSIONAL GROWTH I: NURSES' WORK

This course provides an introduction to the discipline of nursing. The program philosophy and concepts of nursing will be explored to provide a framework within which to explore knowledge development in nursing. The role of the nurse in the health care system will be emphasized, as well as the relationship between theory, practice, and research in nursing. Participants will be introduced to the process of critical reflection and will have opportunities to experience nurses' work in a variety of settings. 4:0:5

No prerequisite.

Corequisite: ➢Nursing 110: Health I

*Nursing 130 (3)

SELF AND OTHERS I: SELF AWARENESS

This course will focus on the process of understanding one's intrapersonal and interpersonal experiences. Through interaction and reflection, emphasis will be placed on understanding how personal beliefs, values, experiences, and perceptions relate to and impact on our experiences with self and others. 4:0:0

No prerequisite. No Corequisite.

*Nursing 111 (3)

HEALTH II: FACILITATING HEALTH IN FAMILIES

This course focuses on theories of health promotion and the determinants of health with an emphasis on the family's experience with chronic challenges. Utilizing a health promotion framework, learners will participate in health assessment of families to understand the family's personal meaning of health. Participants will experience a variety of activities related to the nurse's role in promoting and maintaining health. 4:0:0

Prerequisite: Term I

Corequisite: ➢Nursing 140: Nursing Practice I

*Nursing 131 (3)

SELF & OTHERS II: INTERPERSONAL RELATIONSHIPS

This is an experiential course designed to enhance participants' interpersonal communication. The major emphasis of this course will be on the acquisition of interpersonal skills. The acquisition of interpersonal communication skills will be considered from the perspective of contextual awareness, discretionary decision-making, confidence, and performance. 4:0:0

Prerequisite: Term I

Corequisite: none.

*Nursing 140 (7)

NURSING PRACTICE I

This clinical experience provides an opportunity for participants to work with families experiencing chronic health challenges in the home and community agencies. This will be an interactive and integrating experience building on all previous learning. 4:0:12

Prerequisites: Term I, CPR Basic Rescuer Level C Course.

Corequisite: ➢Nursing 111: Health II.

*Nursing 170 section 50 (6)

PRACTICUM MAY TO JUNE - 7 WEEKS
(SEPTEMBER REGISTRATION)

September to October - 7 weeks (January Registration)

This practicum will provide an opportunity to develop caring relationships with individuals and families at various stages of the life cycle. The primary focus will be on people's experience with health. The clinical experience will be in a variety of community and health care settings. The emphasis will be on the learners' integration of interpersonal skills and basic clinical skills. 4:0:20

Prerequisites: Term I and II and CPR Basic Rescuer Level C Course.

Corequisite: none.

*Nursing 170 section 60 (6)

PRACTICUM JULY TO AUGUST - 7 WEEKS
(SEPTEMBER REGISTRATION)

November to December - 7 weeks (January Registration)

This practicum will provide an opportunity to develop caring relationships with individuals and families at various stages of the life cycle. The primary focus will be on people's experience with health. The clinical experience will be in a variety of community and health care settings. The emphasis will be on the learners' integration of interpersonal skills and basic clinical skills. 4:0:20

Prerequisites: Term I and II and CPR Basic Rescuer Level C Course.

Corequisite: none.

*Nursing 240 (8)

NURSING PRACTICE II

This clinical experience provides the opportunity to develop caring relationships with people experiencing episodic health care challenges. Experiences will include nurses' work in the care of individuals and families in a variety of acute care settings as well as in the transition from hospital to home. 4:0:15

Prerequisites: Year 1 and CPR Basic Rescuer Level C Course.

Corequisite: ➢Nursing 250: Healing Workshop I.

*Nursing 250 (4)

HEALING WORKSHOP I: EPISODIC HEALTH CHALLENGES

Participants in this workshop will develop an understanding of people's experience with healing specifically related to a variety of episodic health challenges. Building on knowledge of and experience with nurses' work in Year 1, participants will integrate theory and concepts of health as they relate to healing. Through praxis, participants will develop a repertoire of cognitive, psychomotor, interpersonal, and organization skills to promote healing. 3:0:3

Prerequisite: Year 1.

Corequisite: ➢Nursing 240: Nursing Practice II.

*Nursing 220 (3)

PROFESSIONAL GROWTH II: NURSING PROFESSION

Building on the philosophy and concepts examined in Professional Growth I, this course will examine and explore the professional practice of nursing. Particular emphasis will be placed on standards for practice and responsibility and accountability of professional nurses. 4:0:0

Prerequisites: Year 1 and Term III.

Corequisite: none.

*Nursing 241 (8)

NURSING PRACTICE III

This course is a continuation of Nursing Practice II, with a focus on increasingly complex episodic health challenges. 4:0:15

Prerequisites: Year 1, Term III, and CPR Basic Rescuer Level C. Course

Corequisite: ➢Nursing 251: Healing Workshop II.

*Nursing 251 (4)

HEALING WORKSHOP II: COMPLEX HEALTH CHALLENGES

Participants in this workshop will develop an understanding of people's experience with healing, specifically related to a variety of complex health challenges. Through praxis, the participants will continue to develop their repertoire of cognitive, psychomotor, interpersonal, and organizational skills to promote healing. The emphasis will be on pattern recognition, critical decision-making, and increased self-directedness. 3:0:3

Prerequisites: Year 1 and Term III.

Corequisite: ➢Nursing 241: Nursing Practice III.

*Nursing 290 (13)

CONSOLIDATED CLINICAL EXPERIENCE I

Students have the opportunity to consolidate their clinical experience in nursing with academic studies. This enables students to develop and prepare for their professional role. 0:0:40

Prerequisites: Year 1 and Term III and IV.

Corequisite: none.

*Nursing 310 (3)

HEALTH III: PRIMARY HEALTH CARE

The major emphasis of this course is primary prevention. Building on Health II, participants will focus on comparative analysis of theories of health promotion and prevention. Participants will experience the significance of interdisciplinary collaboration as they work with individuals, groups or families, in a variety of contexts, in the development of health promotion programs. 4:0:0

Prerequisite: Year 2.

Corequisites: ➢Nursing 320: Professional Growth III.-Nursing 340: Nursing Practice IV.

*Nursing 320 (3)

PROFESSIONAL GROWTH III: TEACHING AND LEARNING

Participants will examine assumptions underlying a variety of teaching methodologies and through reflection, explore personal beliefs and values in relation to these assumptions. Through praxis, participants will experience a teaching-learning encounter. 4:0:0

Prerequisite: Year 2.

Corequisites: ➢Nursing 310: Health III.
➢Nursing 340: Nursing Practice IV.

*Nursing 340 (8)

NURSING PRACTICE IV

The focus of this clinical experience is prevention, with participants having opportunities to examine the interaction of prevention and hospital-based care. In addition, participants will have opportunities to experience the nurse's leadership role in client care. 4:0:15

Prerequisites: Year 2 and CPR Basic Rescuer Level C Course.

Corequisites: ➢Nursing 310: Health III.
➢Nursing 320: Professional Growth III.

*Nursing 350 (1)

HEALING BRIDGE OUT

For students who elect to exit prior to completion of the BSN program, a preparation term will be required to ensure eligibility for CNATS examination. The learning experience will include both theoretical and clinical learning, and is aimed at facilitating the transition from student role to professional nurse role. 4:0:8 (3 weeks)

Prerequisites: Year 2 and Term V.

Corequisite: ➢Nursing 380: Clinical Experience Preceptorship.

*Nursing 380 (10)

CLINICAL EXPERIENCE: PRECEPTORSHIP

For students who elect to exit, receive a Diploma in nursing, and become eligible for Canadian Nurses Association examination. The clinical experience is aimed at facilitating the transition from student to professional nurse role. 0:0:40 (10 weeks)

Prerequisites: Year 2, Term V, and CPR Basic Rescuer Level C Course.

Corequisite: ➢Nursing 350: Healing Bridge out.

*Nursing 195 (3) and 295 (3)

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

a) College Nursing Faculty who may wish to present a course in their specialty which may be of limited interest; or
b) Visiting Nursing Lecturers.

Announcements regarding 195/295 offerings will be made by Calendar supplement. Prerequisites will be announced by special bulletin.

NURSING PROGRAM

***Note:* For students registered in the nursing program prior to September 1993.**

The Nursing Program at Langara provides a two-year diploma program leading to a career in nursing in the province of British Columbia. The graduate of this nursing program will be prepared to meet the professional practice requirements as identified in the Standards for Nursing Practice in British Columbia and the Nursing Competencies and Skills required of the New Graduate. The graduate will be eligible to apply to the Registered Nurses Association of B.C. to write the registration examinations. To qualify for registration as a registered nurse, the applicant must provide evidence, satisfactory to the Board of Directors, that he/she is of good character and fit to engage in the practice of nursing. You may obtain information as to eligibility to practise as a registered nurse from the Registrar, Registered Nurses' Association of British Columbia.

Nurses from this program are eligible to apply for entrance into the third year of the Bachelor of Science in Nursing program at the University of British Columbia and the University of Victoria.

The Nursing Program includes selected general support courses which complement nursing theory and practice thereby ensuring the nurse's ability to provide knowledgeable, safe and effective care. Upon completion of the program you will be able to function as a member of the health care team when given an orientation program and initial periodic direction by an experienced registered nurse. Graduates of the program are prepared to function in general medical, surgical, pediatric, postpartum, newborn, and psychiatric settings.

Admission Requirements:

In order to be admitted to the program:

- Normally, you must possess a complete B.C. Grade XII standing (or equivalent), including Grade XI or Grade XII biology, chemistry, and mathematics. You must have an average of "C+" or higher in Grade XII (or equivalent) and a "C+" grade in each of Grade XI biology, chemistry, and mathematics. Current licensure as a Practical Nurse in B.C. will be accepted in lieu of the Grade XI biology, chemistry, and mathematics.
- Normally, you must complete English 127 or 128 and English 229 or 230 or equivalents. You must have a grade of "C "or higher in English 127 or 128 and English 229 or 230 (or equivalent). You may apply for program entry prior to completion of English 229 or 230.
- Normally, you must complete Psychology 115 and 215 or equivalent. You must have a grade of "C" or higher in Psychology 115 and 215 or equivalent. You may apply for program entry prior to completion of Psychology 215.
- A mathematics screening test may be necessary before your application can be processed.
  NOTE: The Mathematics screening test is currently under review.
- You must have two satisfactory letters of reference:
  a) from individuals who have known you for at least the previous year.
  b) from a non-relative.
  c) one reference must be a professional person (teacher, lawyer, nurse, etc.).
  d) the referees must have knowledge of you in a work situation or a learning environment.
- You may be required to complete a satisfactory selection interview.
- You must provide evidence that you are physically and emotionally healthy by undergoing a medical examination during the three month period prior to entry into the program. A MEDICAL FORM FOR THIS REPORT, WHICH WILL INCLUDE AN IMMUNIZATION FORM, WILL BE SENT TO YOU BY THE COLLEGE, ALONG WITH YOUR LETTER OF TENTATIVE ACCEPTANCE. YOUR PHYSICIAN MUST SUBMIT THIS REPORT DIRECTLY TO THE COLLEGE HEALTH SERVICES AT LANGARA AND IMMUNIZATIONS MUST BE COMPLETED BEFORE PERMISSION TO REGISTER IS GRANTED.
- You must possess a current Standard First Aid Certificate and have successfully completed a CPR Basic Rescuer Level C course in the past year. A current certificate of CPR is required to register in all clinical nursing courses.

Your application will not be processed unless all required prerequisites are complete together with necessary educational transcripts and documentation.

All relevant documents must be submitted before acceptance into the program.

Please see general requirements for enroling for the first time in Career Programs, page 13.

The Nursing Program consists of the following six terms:

FIRST TERM
Nursing 135
Nursing 138
Biology 121
Pharmacology 115
Nursing 115

SECOND TERM
Nursing 235
Nursing 238
Biology 221
Philosophy 105
Nursing 216

THIRD TERM
Nursing 325
Nursing 328
Nursing 345
Nursing 348
Biology 421 or
Biology 321
Nursing 316

FOURTH TERM
Nursing 435
Nursing 438
Biology 321 or
Biology 421
Nursing 416

FIFTH TERM
Nursing 535
Nursing 538
Nursing 516

SIXTH TERM
Nursing 648

NURSING COURSES

*Nursing 115 (1)

(formerly Pharmacology 115)
PHARMACOLOGY I
Upon completion of Nursing 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. 1:0:0

*Nursing 216 (1)

PHARMACOLOGY II
This course 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 the nursing implications of drug administrations as related to the curriculum material of Term II. 1:0:0

Prerequisites: Nursing 115 (previously Pharmacology 115), Nursing 135, Nursing 138.

*Nursing 316 (1)

PHARMACOLOGY III
This course 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 the nursing implications of drug administrations as related to the curriculum material of Term III. 1:0:0

Prerequisites: Nursing 216, 235, and 238.

*Nursing 325 (3)

Nursing 325 focuses on the concepts and principles related to the nursing care of individuals who are unable to meet their need for sexuality. It emphasizes the nursing activities of maintenance, protection and restoration, providing learning experiences in the classroom, laboratory and/or community agencies. This is a half-term course. 6:0:0
1/2 term

Prerequisites: Nursing 235 and 238, Biology 221, Philosophy 105, and current CPR (Level C).

*Nursing 328 (3)

— Graded S/U (See page 18)
Nursing 328 focuses on the clinical application of the concepts and principles presented in Nursing 325, providing learning experiences in the laboratory, and maternity settings. This is a half-term course. 0:0:18
1/2 term

Prerequisites: Nursing 235 and 238, Biology 221, Philosophy 105, and current CPR (Level C).

*Nursing 345 (3)

Nursing 345 focuses on the concepts and principles related to the nursing care of individuals who are unable to meet their need for security. It emphasizes the nursing activities of maintenance, protection, and restoration, providing learning experiences in the classroom, laboratory and/or community agencies. This is a half-term course. 7:0:0
1/2 term

Prerequisites: Nursing 235 and 238, Biology 221, Philosophy 105, and current CPR (Level C).

*Nursing 348 (3)

— Graded S/U (See page 18)
Nursing 348 focuses on the clinical application of the concepts and principles presented in Nursing 345, providing learning experiences in the laboratory and psychiatric settings. 0:0:18
1/2 term

Prerequisites: Nursing 316, 325, 328, 345, and 348.

*Nursing 416 (1)

PHARMACOLOGY IV
This course 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 the nursing implications of drug administrations as related to the curriculum material of Term IV. 1:0:0

Prerequisites: Nursing 235 and 238, Biology 221, Philosophy 105, and current CPR (Level C).

*Nursing 435 (6)

Nursing 435 focuses on the concepts and principles related to the nursing care of individuals who are unable to meet their needs for nutrition, elimination and protection. It emphasizes the nursing activities of maintenance, protection, and restoration, providing learning experiences in the classroom, laboratory, and community agencies. 6:0:0

Prerequisites: Nursing 325/345 and 328/348, Biology 421 or Biology 321, Pharmacology 215, and current CPR (Level C).

*Nursing 438 (7)

— Graded S/U (see Page 18)
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. 0:0:20

Prerequisites: Nursing 325/345 and 328/348, Biology 421 or Biology 321, Pharmacology 215, and current CPR (Level C).

*Nursing 516 (1)

PHARMACOLOGY V
This course 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 the nursing implications of drug administrations as related to the curriculum material of Term V. 1:0:0

Prerequisites: Nursing 416, 435 and 438.

*Nursing 535 (6)

Nursing 535 focuses on the concepts and principles related to the nursing care of individuals who are unable to meet their 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. 6:0:0

Prerequisites: Nursing 435 and 438, Biology 321 and 421, and current CPR (Level C).

*Nursing 538 (8)

— Graded S/U (see Page 18)
Nursing 538 focuses on the clinical application of the concepts and principles presented in Nursing 535, providing learning experiences in the laboratory and in pediatric and adult medical surgical settings. 0:0:24

Prerequisites: Nursing 435 and 438, Biology 321 and 421, and current CPR (Level C).

*Nursing 648 (15)

— Graded S/U (see Page 18)

Nursing 648 focuses on the clinical application of 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. 0:2:32

Prerequisites: Nursing 535 and 538 and current CPR (Level C).

*Nursing 195 (3) and 295 (3)

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

a) College Nursing Faculty who may wish to present a course in their specialty which may be of limited interest; or
b) Visiting Nursing Lecturers.

Announcements regarding 195/295 offerings will be made by Calendar supplement. Prerequisites will be announced by special bulletin.

HUMAN PERFORMANCE AND RECREATION DEPARTMENT - PROGRAMS

The Human Performance and Recreation Department now offers a number of certificate and diploma programs —and a variety of courses designed to meet the different needs of the student population. In addition to the College courses in Human Performance 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.

ACADEMIC STUDIES

COACHING AND INSTRUCTION DIPLOMA

This diploma is primarily intended for those seeking to complete two years of university transfer course work towards a degree in Physical Education, Human Performance, Education or other studies that focus on Coaching and Instruction.

Requirements: A student must complete a minimum of 72 credit hours including

- 33 credit hours of specific Human Performance Theory including Human Performance 100, 101, 120, 121, 130, 200, 220, 225, 240, 250, and 300
- 6 credit hours of Human Performance Analysis courses (numbered 340 to 352)
- 30 credit hours of non Human Performance and Recreation electives including 12 credit hours of English
- 3 credit hours of Human Performance 305 or non Human Peformance and Recreation elective

A Program Example

FIRST TERM	SECOND TERM
English 127 or 128	English 229 or 230
Non HP & Rec elective	Non HP & Rec elective
Non HP & Rec elective	Non HP & Rec elective
Human Performance 100	Human Performance 120
Human Performance 101	Human Performance 121
Human Performance 130	Human Performance 200
THIRD TERM	**FOURTH TERM**
2nd year English	2nd year English
Non HP & Rec elective	Non HP & Rec elective
Human Performance 220	Human Performance 225
Human Performance 240	Human Performance 300
Human Performance 250	Human Performance 340/350's
Human Performance 305	Human Performance 340/350's

NOTE: The above is a program example. Courses may be taken out of this sequence but all of the above courses must be complete in order to receive a diploma in Coaching and Instruction.

EXERCISE SCIENCE DIPLOMA

This diploma is primarily intended for those seeking to complete two years of university transfer course work towards a degree in Kinesiology, Physical Education, Human Performance or other studies that focus on health, fitness and exercise.

Requirements: A student must complete a minimum of 72 credit hours including

- 33 credit hours of specific Human Performance Theory including Human Performance 100, 101, 120, 121, 130, 200, 210, 215, 220, 300, and 301
- 36 credit hours of non Human Performance and Recreation Electives including at least 6 credit hours in English
- 3 credit hours selected from Human Performance 305 or non Human Performance and Recreation elective

A Program Example

FIRST TERM	SECOND TERM
English 127 or 128	English 229 or 230
Chemistry 120 or Non HP & Rec. Elective	Chemistry 220 or Non HP & Rec. Elective
Biology 115	Biology 215
Human Performance 100	Human Performance 120
Human Performance 101	Human Performance 121
Human Performance 130	Human Performance 200
THIRD TERM	**FOURTH TERM**
2nd year English or Non HP & Rec. Elective	2nd year English or Non HP & Rec. Elective
Physics 115 or 125 or Non HP & Rec. Elective	Physics 215 or 225 or Non HP & Rec. Elective
Mathematics 171 or Non HP & Rec. Elective	Mathematics 271 or Non HP & Rec. Elective
Human Performance 210	Human Performance 215
Human Performance 220	Human Performance 300
Human Performance 305	Human Performance 301

NOTE: The above is a program example. Courses may be taken out of this sequence but all of the above courses must be complete in order to receive a diploma in Exercise Science.

LEISURE STUDIES DIPLOMA

This diploma is primarily intended for those seeking to complete two years of university transfer course work towards a degree in Leisure Studies and/or Recreation. Specific courses would be determined by the program of the particular university to which the student is planning to transfer to.

Requirements: A student must complete a minimum of 60 credit hours including

- 6 credit hours from Recreation 160 and 260
- 9 to 12 credit hours from Human Performance, Recreation, and/or Academic Electives
- 6 credit hours from other Recreation Theory Courses (numbered 161 to 471)
- at least 36 credit hours from non Human Performance/Recreation Electives including at least 6 credit hours in English and at least 12 credit hours from the Social Sciences.

A Program Example

FIRST TERM	SECOND TERM
Recreation 160	Recreation Theory Elective (Courses numbered 161 to 471)
Human Performance or Recreation or Academic Elective	Human Performance or Recreation or Academic Elective
Academic Elective	Academic Elective
Psychology 115	Psychology 215
English 127 or 128	English 229 or 230
1 Human Performance or Recreation Elective	1 Human Performance or Elective
THIRD TERM	**FOURTH TERM**
Recreation 260	Recreation Theory Elective (Courses numbered 161 to 471)
Human Performance or Recreation or Academic Elective	Human Performance or Recreation or Academic Elective
2 Academic Electives	2 Academic Electives
Sociology 120	Sociology 121
1 Human Performance or Recreation Elective	1 Human Performance or Elective

CAREER DIPLOMAS

RECREATION FACILITIES MANAGEMENT PROGRAM

This program has been designed to appeal to students who have a predominant interest in the design, operation, and management of recreational facilities. Aptitude for and appreciation of sports and leisure activities is both desirable and necessary, but a keen interest in effectively dealing with people, programs, budgets, leadership and group processes and physical plant operations is essential. The program includes courses in accounting, business procedures, personnel management, computer operation, food and beverage operations, physical plant maintenance, and recreation programming and philosophy. Practical work, both in classes and in the field, is an integral part of the program. Students will have the opportunity to visit most major types of recreation facilities in the Lower Mainland through various field trips. Varied guest speakers are also invited on a regular basis.

There is a need for trained people able to work in the public, private, and commercial sectors focusing on the operation and management of a wide range of

recreational facilities. Graduates of the program currently work in a variety of career settings including ice arenas, golf courses, swimming pools, corporate and private fitness centres, ski resorts, seniors centres, etc.

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 AT THE COLLEGE BEFORE FINAL ACCEPTANCE AND PERMISSION TO REGISTER ARE GRANTED.
- You must submit a written application including your statement of philosophy of recreation, 4 to 6 letters of reference, and other pertinent information requested specifically relating to the last 3 items below. You must use the specific application form and guidelines provided by Student Services.
- You must have an interview conducted by a member of the program faculty.
- You must evidence clear understanding of the program, its focus, its intent, and have career goals compatible with those of the program.
- You must evidence interest and abilities in working in a variety of recreation facilities, as well as being receptive to learning situations that may not be within your current experience base.
- You must have Mathematics 11 and Physics ll (or approval of the Co-ordinator).

Your application will not be processed until the following documents are received:

Transcript(s) (if applicable)
Letters of reference

Please see general requirements for enroling for the first time in Career Programs, page 13.

NOTE: A short promotional video on the program is available. Please contact the Program Co-ordinator (324-5276) to arrange a viewing or for further information.

FIRST TERM
Recreation 160
Recreation 170
Communication 118
Computer Information Systems 212
Mathematics 115
Physics 109

SECOND TERM*
Recreation 270
Recreation 271
Recreation 272
Recreation 273

THIRD TERM
Recreation 168
Recreation 261
Accounting 116
Business Procedures 115
Personnel Management 115
Approved Elective

FOURTH TERM
Recreation 269
Recreation 469
Recreation 470
Recreation 471

**NOTE:* Owing to the specific nature, location and scheduling of courses in the SECOND TERM, the duration of instruction, subject to change, is 20 weeks, January to the middle of May.

RECREATION LEADERSHIP PROGRAM

The Recreation Leadership Diploma Program prepares students for a variety of positions in recreation agencies. The program blends academic (some courses are transferable to university), theoretical and practical subject matter. Practical experience is stressed throughout the program - both in the classroom and in the field. Courses include recreational activities, leadership and programming theory, human relationships and administrative procedures. Although the program focuses on general recreation leadership training, students are encouraged to develop specific leadership talents (physical recreation, creative and social recreation, outdoor recreation, special needs recreation). Students enter the program in September.

The need for trained recreation leaders is greater than ever, and still growing. Changes in patterns of leisure time and growth in organized recreational activities have increased demands on recreation facilities whether public, private, commercial or volunteer. These have created attractive employment prospects for graduates of the program: steady employment, reasonable remuneration, fringe benefits, significant vacation allowances and opportunities for self-development and advancement. Graduates of the Recreation Leadership Program have found employment within private industry, provincial, regional and municipal parks, health care, and correctional institutes, Y.M.C.A., Y.W.C.A, arts and cultural organizations, community centres, Boys and Girls' Clubs, sports organizations and the hospitality industry. Graduates perform a wide variety of duties and are often required to work a variety of shifts and to work any day of the week.

Admission Requirements:

In order to be admitted to the program:

- 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 a written application including your statement of philosophy of recreation, a minimum of four letters of reference, and other pertinent information requested. 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 have 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 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.
- You must provide evidence that you are physically and emotionally healthy, and therefore must have a medical examination during the three month period prior to entry into the program. A MEDICAL FORM FOR THIS REPORT WILL BE SENT TO YOU BY THE COLLEGE, ALONG WITH YOUR LETTER OF ACCEPTANCE. YOUR PHYSICIAN MUST SUBMIT THIS REPORT DIRECTLY TO THE COLLEGE HEALTH SERVICE AT LANGARA BEFORE PERMISSION TO REGISTER IS GRANTED.

Your application will not be processed until the following documents are received:

Transcript(s) (if applicable)
Letters of Reference

Please see general requirements for enroling for the first time in Career Programs, page 13.

FIRST TERM
Recreation 160
Recreation 169
Human Performance 167
English 127
Psychology 115
**Human Performance or Recreation Elective

SECOND TERM
Recreation 165
Recreation 168
Recreation 261
English 229 or 230
Psychology 215
**Human Performance or Recreation Elective

THIRD TERM
Recreation 260
Recreation 268
Recreation 361
Recreation 379
Business Procedures 115
Computer Information Systems 212
**Human Performance or Recreation Elective

FOURTH TERM
Recreation Internship 479

**The Electives marked above with a double asterisk are subject to approval by the Department.

CAREER CERTIFICATES

RECREATION FACILITIES MANAGEMENT POST DIPLOMA CERTIFICATE PROGRAM

This program provides graduates from Langara's Recreation Leadership Diploma Program (or any other similar post-secondary diploma program) with a greater knowledge in Recreation Facilities Management in order

to increase the employment potential of graduates within the recreation field, to prepare graduates for more rapid advancement in this field, and to enhance the academic advancement of graduates wishing to further their careers through professional studies.

Admission Requirements:

Graduation from the Langara Recreation Leadership Diploma program or equivalent post secondary diploma program.

NOTES:

1. Applicants should have taken Recreation 170 as one of the Electives in the Recreation Leadership program of studies.
2. This post diploma Certificate Program requires three terms of study in the specific sequence of (1) Spring Term, (2) Fall Term and then (3) Spring Term.
3. There are limited spaces in this program depending on available seats in any term's course offerings.

FIRST TERM (SPRING)
Recreation 270
Recreation 271
Recreation 272
Recreation 273

SECOND TERM (FALL)
Mathematics 115
Physics 109
Accounting 116
Personnel Management 115
**Human Performance or Recreation Elective
**Human Performance or Recreation Elective

THIRD TERM (SPRING)
Recreation 470
Recreation 471
Recreation 469 Field Placement
**The electives marked above with a double asterisk are subject to approval by the Department.

RECREATION LEADERSHIP POST DIPLOMA CERTIFICATE PROGRAM

This program provides graduates from Langara's Recreation Facilities Management Diploma Program (or any other similar post secondary diploma program) with the opportunity to increase employment potential within the Recreation Field, to prepare for more rapid advancement in this field, and/or to enhance academic advancement through professional studies.

Admission Requirements:

Graduation from the Langara Recreation Facilities Management Diploma Program — or equivalent post secondary diploma program.

NOTES:

1. This post diploma Certificate Program requires two terms of study in the specific sequence of (1) Fall Term, then (2) Spring Term.
2. There are limited spaces in this program, depending on available seats in any semester's course offerings.

FIRST TERM (FALL)
Recreation 165
Recreation 169
Recreation 260
Recreation 268
Human Performance 167
Recreation 379

SECOND TERM (SPRING)
Recreation 479

HUMAN PERFORMANCE AND RECREATION COURSES

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 semester/term. Regular attendance and participation are essential course requirements.

*Physical Education 112 (1)

PHYSICAL FITNESS
— Graded S/U (see Page 18)
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 116 (1)

SWIMMING
— Graded S/U (see Page 18)
This course provides opportunities for developing your swimming skills at a variety of levels in a nearby pool. You may elect to attempt C.R.C.S. or R.L.S.S. proficiency awards where feasible. Grading is based mainly on attendance and participation. 0:0:2

*Physical Education 124 (1)

TENNIS
— Graded S/U (see Page 18)
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)

LIFETIME ACTIVITIES
— Graded S/U (see Page 18)
This course provides opportunities for the learning of and participation in a variety of recreational activities that you can enjoy as an individual or in a group. 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 THEORY COURSES

The following courses are intended only for those students who are considering a career in Human Performance and/or Recreation through the Recreation Facilities Management Program, the Recreation Leadership Career Program, or through a university transfer program. Not all courses are offered each semester/term, and you should consult the Counselling Department and the Human Performance and Recreation Faculty when you are planning your program.

(a) Recreation Theory Courses

*Recreation 160 (3)

FOUNDATIONS OF RECREATION
An introduction to recreational history, philosophy, ethics, standards, organization, and programs. 3:1:0

*Recreation 161 (3)

INTRODUCTION TO LEISURE STUDIES
This course encourages the study of the phenomenon of leisure in contemporary industrial societies. It explores the socio-historical context of leisure as an aspect of culture with consideration of the significance and characteristics of leisure and leisure's relationships to other aspects of social life. A theoretical background is developed which is necessary for the implementation concerns of recreation policy and practice. 3:1:0

*Recreation 164 (3)

RECREATION ENVIRONMENTS AND RESOURCE PLANNING
An introduction to planning, designing and managing parks and playgrounds. The focus is on urban and non-urban open spaces. Emphasis is on area development, programming and leadership as related to the leisure pursuits of various age groups. 3:1:0

*Recreation 165 (3)

SURVEY OF THERAPEUTIC RECREATION
An introduction to the history, philosophy, objectives, and scope of Therapeutic Recreation. Analysis of the etiology, symptoms, and prognosis of a variety of physical, mental, behavioral, social, and sensory disabilities. Familiarization with recreational and leisure services available. 3:1:2

*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. 3:1:2

*Recreation 167 (3)

CAMP PROGRAMS AND ADMINISTRATION
Philosophy and practices of the various camping organizations and camp programs. Emphasis is on camp leadership and future developments in this field. 3:1:0

*Recreation 168 (3)

RECREATION PROGRAM PLANNING

An introduction to the principles of planning, implementing, and evaluating recreation programs. Services through the application of a rational planning process involving needs assessment, developing objectives, program design models, implementation strategies and evaluation techniques. 3:1:0

*Recreation 169 (3)

OUTDOOR RECREATION I

The study of a variety of natural settings as potential recreation resources and analysis of outdoor pursuits in these environments. Development of outdoor recreation skills and exploration of the natural environment within the urban, rural and wilderness context. Emphasis is placed on prevention of injuries such as hypothermia and hyperthermia.

Leadership and programming methods are explored. Participation in a field school is a required component of the course. 3:1:2

*Recreation 170 (3)

RECREATION FACILITIES MANAGEMENT FUNDAMENTALS

An introduction to the theory, process and application of recreation and leisure services management with specific reference to facility operations. Course topics include facility design, programming, personnel management, fiscal planning and budgeting, operations of selected facilities, and new trends and issues. It also includes field trips to selected recreation facilities and observation projects. 3:1:0

*Human Performance and Recreation 195 (3) and 295 (3)

These numbers are reserved for Human Performance and Recreation courses that may be offered from time to time by:

a) College Human Performance and Recreation Faculty who may wish to present a course in their specialty which may be of limited interest; or
b) Visiting Human Performance and Recreation Lecturers. 3:1:0

Announcements regarding Physical Education and Recreation 195 offerings will be made by Calendar Supplement.

Prerequisites will be announced by special bulletin.

*Recreation 260 (3)

CULTURE, ARTS AND HERITAGE IN LEISURE SERVICES

This course explores the nature of and values associated with Culture, the Arts, and Heritage in Leisure Services. The relationships and responsibilities of recreation organizations, and of leadership personnel, to the provision and/or facilitation of cultural opportunities will be a primary focus. 3:1:0

*Recreation 261 (3)

LEADERSHIP AND GROUP PROCESSES

An introduction to individual and group interaction, including theories of leadership, group dynamics, communication and interview skills, meeting and presentation techniques and time management. 3:1:0

*Recreation 268 (3)

LEISURE SERVICES SYSTEMS PLANNING

An analysis of organizational behaviour and its relationship to the provision of recreation and leisure services in the public, private, and commercial sectors. Principals of programme management including relations with government, board development, policy design and implementation, and future applications will be examined. 3:1:0

Prerequisite: Recreation 168 or instructor's permission.

*Recreation 269 (3)

OUTDOOR RECREATION II

The development of skills, knowledge and appreciation of natural resources for outdoor recreation in winter and alpine environments involving coastal and interior situations. Emphasis is placed on prevention of injuries such as hypothermia and hyperthermia. Participation in a Field School is a required component of the course. 3:1:2

*Recreation 270 (3)

RECREATION FACILITIES MAINTENANCE

An overview of legal liability, labour-management relations, security, custodial procedures and staffing for efficient maintenance of recreation facilities. Includes field trips and observation projects. 2:2:2

Prerequisite: Recreation 170 or approval of Co-ordinator.

*Recreation 271 (4)

FOOD AND BEVERAGE OPERATIONS

An introduction to the planning, purchasing, preparation and presentation of food and beverage services including health regulations, equipment layout and administrative requirements. 3:0:2

*Recreation 272 (7)

RECREATION FACILITIES PLANNING

Students will receive extensive "hands on" class time studying the basic concepts of engineering and construction planning. This will include drafting principles, site lay-out, construction materials, blueprint reading and computer-aided design and drafting. Classroom lectures and discussion will be complemented by tours of selected recreation facilities and guest speakers. 6:0:4

Prerequisite: Recreation 170 or approval of Co-ordinator.

*Recreation 273 (7)

PHYSICAL PLANT OPERATIONS

The performance, operating principles and application of selected mechanical systems and equipment for recreation facilities. Course topics include: heating, air-conditioning, ventilation, swimming pool operation, energy management, propane handing, refrigeration and artificial ice installation. 6:0:4

Prerequisite: Recreation 170 or approval of Co-ordinator.

*Recreation 361 (3)

LEADERSHIP DYNAMICS

An analysis of leadership theories and their application to selected aspects of management and supervision including decision making, problem solving, risk taking, conflict resolution and volunteer/staff well-being. 3:1:0

Prerequisite: Recreation 261 or instructor's permission.

*Recreation 379 (0)

RECREATION INTERNSHIP COLLOQUIUM

This non-credit "colloquium" is required of Term 3 Recreation Leadership Students in order to initiate, coordinate and complete internship opportunities for Term 4 placements. 0:2:0

*Recreation 469 (9)

RECREATION FACILITIES PLACEMENTS

— Graded S/U (see Page 18)

Approved field assignments during the fourth term in various community, public, private and commercial facilities. Course requirements will include specific assignments and seminars (see Placement Manual). Requires full term 4 Recreation Facilities Management Diploma standing. Field work training will consist of a five week practicum preceded by a one week orientation period and a final one week of evaluation. 1:2:21

*Recreation 470 (3)

RECREATION TRENDS AND ISSUES

Readings on and investigation of selected trends and issues in the field of Recreation. In addition to on campus lectures the course will include guest speakers from the recreation field and visits to selected recreation facilities. 3:1:0

*Recreation 471 (3)

MARKETING FOR RECREATION

A study of basic marketing functions, market research, consumer motivation and marketing strategies applied to the recreation and leisure service field. 3:1:0

*Recreation 479 (15)

RECREATION INTERNSHIP

— Graded S/U (see Page 18)

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. Internship placement seminars will be held in the prior term. 1:4:30

(b) Human Performance Theory Courses

*Human Performance 100 (3)

(formerly P.E. 163)

INTRODUCTION TO EXERCISE PHYSIOLOGY

An introductory examination of the mechanical, anatomical, and physiological basis of human physical performance. 3:1:0

*Human Performance 101 (3)

(formerly P.E. 162)

CONDITIONING FOR SPORT AND PHYSICAL ACTIVITY

Physical fitness and exercise; conditioning methods, exercise techniques, and fitness appraisal. 2:0:2

Prerequisite: Human Performance 100 (HP 100 & 101 may be taken concurrently) or with permission of the department.

*Human Performance 120 (3)

(formerly P.E. 164)

MOTOR LEARNING AND CONTROL I

An introduction to the study of motor skill acquisition, the variables which influence learning and performance of motor skills. In addition, the psychological processes that influence learning and development aspects are examined. 3:1:0

Co-requisite: Human Performance 121 or permission of the department.

*Human Performance 121 (3)

(formerly P.E. 264)

PHYSICAL GROWTH AND MOTOR DEVELOPMENT

An exploration of the course of normal physical growth and motor development with emphasis on the first two decades of life, on the methods used to study physical growth and motor development, and on some developmental differences in the motor abilities of children. 3:1:0

Co-requisite: Human Performance 120 or permission of the department.

*Human Performance 130 (3)

(formerly P.E. 161)

LEISURE AND SPORTS STUDIES

An introduction to the study of leisure, play, sports, Education-Physical Education, and Recreation. Historical, philosophical and socio-cultural perspectives will be developed. Emphasis is on the nature, roles and inter-relationships of national, provincial and municipal Delivery Systems and upon contemporary Canadian issues in these fields. 3:1:0

*Human Performance 131 (3)

(formerly P.E. 261)

LEISURE AND SPORTS MANAGEMENT

This course will investigate the organization and administration of Leisure and Sports Delivery Systems in Canada and British Columbia. Some international comparisons will be pursued with focus on the development of policies, how these affect practices, and the techniques for evaluating Delivery System effectiveness. 3:1:0

*Human Performance 166 (3)

TEACHING CHILDREN'S DANCE

Techniques and considerations for presenting Dance to children as an enjoyable learning experience. 2:0:2

*Human Performance 167 (3)

LEADERSHIP IN PLAY

Theoretical aspects of play, influences of values, interest, out-comes, including 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. 2:0:2

*Human Performance 200 (3)

HUMAN FUNCTIONAL ANATOMY AND PHYSIOLOGY

Human anatomical systems and their integration 2:0:2

Prerequisite: Human Performance 100 or permission of the department.

*Human Performance 210 (3)

BIOMECHANICS

This course focuses on the application of Newtonian physics (i.e. mechanics) to human movement, with the objective of being able to accurately describe and explain human movement through the concepts and principles derived from linear and angular kinematics and kinetics. 2:1:1

Prerequisite: Human Performance 100 and 1st year calculus or permission of the department.

*Human Performance 215 (3)

HEALTH AND LIFESTYLES

The course will identify and describe contemporary lifestyles, associated behaviours, and major health concerns. The responsibility of the consumer and techniques and strategies used to make positive lifestyle changes will be studied and discussed. 3:1:0

Prerequisites: Human Performance 100 and 101 or permission of the department.

*Human Performance 220 (3)

MOTOR LEARNING AND CONTROL II

This course provides insight into the process that controls the acquisition, representation and execution of a skillful act. A behaviour analysis approach to the current research on "motor skill" is the focus. 3:0:1

Prerequisites: Human Performance 100, 120, and 200 (Human Performance 200 and 220 may be taken concurrently) or permission of the department.

*Human Performance 225 (3)

SPORTS PSYCHOLOGY

This course is designed to familiarize the student with psychological variables affecting learning and performance of a skillful act. Emphasis is on the analysis and execution of psychological variables, and theoretical knowledge. 4:0:0

Prerequisite: Human Performance 120 or permission of the department.

*Human Performance 240 (3)

(formerly P.E. 165)

MECHANICS IN SPORT

A mechanical analysis of movement patterns in human locomotion, sport and dance, based on an understanding and application of the principles of linear and angular kinematics and kinetics. 2:1:1

Prerequisite: Human Performance 100 or permission of the department.

*Human Performance 250 (3)

(formerly P.E. 265)

ANALYSING PERFORMANCE IN TEAM SPORTS

Utilizing selected team sports as models, this course examines the role of analysis in contributing to effective team sport performances. 2:0:2

Prerequisite: 2nd year standing or permission of the department.

*Human Performance 300 (3)

EXERCISE PHYSIOLOGY

Study of the acute and chronic effects of exercise on body systems, and relationship of the functional capacity of individual systems to maximal human performance. 2:1:1

Prerequisites: Human Perfromance 100, 101, and 200 or permission of the department.

*Human Performance 301 (3)

EXERCISE MANAGEMENT

This is an advanced physical training systems course, in which the concepts and principles developed in the prerequisite courses are applied to specific objectives developed for particular populations; e.g. competitive athletes in individual and team sports, fitness participants with various goals, employees with physical work requirements, individuals engaged in rehabilitation programs, and special care populations (e.g. post cardiacs, hypertensives, diabetics, arthritic, etc.) 2:0:2

Prerequisites: Human Performance 100, 101, 200 and 300 (Human Performance 300 and 301 may be taken concurrently) or permission of the department.

*Human Performance 305 (3)

(formerly P.E. 171)

SPORTS MEDICINE

Etiology of common exercise and sport injuries with an emphasis on evaluation, management, prevention and rehabilitation. Consideration of current issues and developments in Sports Medicine. 3:0:1

Prerequisites: Human Performance 100 and 200 or permission of the department.

*Human Performance 340's (3)

PERFORMANCE ANALYSIS (INDIVIDUAL SPORTS)

These courses emphasize (sport-specific) practical ability, fitness skills and theory while working towards the completion of Level 1 Technical in the National Coaching Certification Program for (sport). The student will be applying theoretical knowledge gained from the various Human Performance courses to particular sport activity. 2:0:2

Prerequisite: Human Performance 240 or permission of the department.

Human Performance 340 (3)
Performance Analysis - Gymnastics

Human Performance 341 (3)
Performance Analysis - Aquatics

Human Performance 342 (3)
Performance Analysis - Track and Field

Human Performance 343 (3)
Performance Analysis - Dance

Human Performance 344 (3)
Performance Analysis - Tennis & Badminton

*Human Performance 350's (3)

PERFORMANCE ANALYSIS (TEAM SPORTS)

These courses emphasize (sport-specific) practical ability, fitness skills and theory while working towards the completion of Level 1 Technical in the National Coaching Certification Program for (sport). The student will be applying theoretical knowledge gained from the various Human Performance courses to particular sport activity. 2:0:2

Prerequisite: Human Performance 250 or permission of the department.

Human Performance 350 (3)
Performance Analysis - Soccer & Fieldhockey

Human Performance 351 (3)
Performance Analysis - Basketball & Team Handball

Human Performance 352 (3)
Performance Analysis - Volleyball & Baseball (Softball)

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 cross-cultural studies by means of examples and analysis; a consideration of the nature of culture by examining various economic practices, social systems, political systems, religion, the Arts, etc. No prerequisite. 3:1:0

Anthropology 131 (3)

INTRODUCTION TO PHYSICAL ANTHROPOLOGY AND HUMAN ORIGINS

A survey of the physical and behavioral evolution of humans from the time of the earliest primates to the present; a discussion of fossil material, interpretations and theoriesas well as same genetics and primatology. No prerequisite. 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. No prerequisite. 3:1:0

Anthropology 150 (3)

PACIFIC NORTHWEST CULTURAL STUDIES

An introduction to indigenous cultures of the Pacific Northwest Coast, from northern California to Alaska. This is a survey course which will consider the nature of cultural diversity in the area. Topics may include subsistence and settlement patterns, language, world view, myth and art forms. May not be offered every semester/term. No prerequisite. 3:1:0

Anthropology 160 (3)

REGIONAL STUDIES IN ANTHROPOLOGY: LATIN AMERICA

An introduction to and overview of cultural development and diversity in Latin America from pre-conquest times to the present. The student will be given a broad theoretical perspective to selected topics of anthropological interest. This is a survey course and is intended to give a comprehensive background and a base for future studies. No prerequisite. 3:1:0

Anthropology 170 (3)

AN INTRODUCTION TO MYTH AND FOLKLORE

A survey of the area of mythology, folklore and legend. Topics include types of myths, their functions in culture, theoretical approaches to their study, and a discussion of modern mythology. The student will be given a broad perspective of an important part of world view. No prerequisite. 3:1:0

Anthropology 180 (3)

ABORIGINAL CULTURES OF BRITISH COLUMBIA

An introduction to the origins and development of Interior and Coastal peoples. This survey course will consider the earliest cultural evidence, the development of regional diversity and the indigenous cultures at the time of contact. No prerequisite. 3:1:0

Anthropology 185 (3)

PREHISTORY OF THE MEDITERRANEAN

A regional survey of the prehistoric cultures of the areas bordering the Mediterranean, covering the time from the Neolithic to the Classical period and tracing the origins of Classical civilizations through archaeological techniques. No prerequisite. 3:1:0

Anthropology 221 (6)

FIELD TECHNIQUES IN ARCHAEOLOGY

A course in practical archaeological method and theory involving field work. Course objectives include the recovery and interpretation of archaeological data as well as the acquisition of skills such as photography, mapping, computer applications and preparation of reports. Eight hours a day, five days a week, for an eight week period usually during the summer.

Prerequisite: consent of the instructor.

Anthropology 230 (3)

ARCHAEOLOGY OF THE NEW WORLD

A survey of the prehistoric cultures of North, Central and South America, from human entry into the New World to the time of European settlement. Particular emphasis on western North America. 3:1:0

Anthropology 240 (3)

ANTHROPOLOGY OF THE NORTH AMERICAN ABORIGINAL PEOPLES

An introduction to the North American Aboriginal people, with a focus on Canada. This is a survey course which will cover the period from early historic times up to the present, and will consider selected contemporary issues. 3:1:0

Prerequisite: Anthropology 120 or consent of the instructor.

ART HISTORY (ART HIST) COURSES

Art History 112 (3)

APPROACHES TO THE HISTORY OF WESTERN ART

This is an introduction to the study of themes that occur and re-occur throughout art. The emphasis will be upon aesthetics, style, patronage and techniques. Themes to be considered through a visual comparative method will include the function and role of art in society; art and religion; and art and social status. No prerequisite. 3:1:0

Art History 113 (3)

NINETEENTH CENTURY ART HISTORY

This course familiarizes students with the painting and sculpture of Europe and the United States. Styles to be considered will include Neo-Classicism and Romanticism as well as the works of the Pre-Raphaelites and the art of early "modern times": Realism, Impressionism, Post-Impressionism and Art Nouveau. 3:1:0

Art History 114 (3)

HISTORY OF WESTERN ART I

This course is the first of two courses designed to survey the whole history of western painting, sculpture and architecture. The course familiarizes students with the chronological approach to the history of art from the Pre-Historic to the Renaissance period and at the same time explores the environmental, economic, social and cultural effects of the art and architecture of each period. 3:1:0

Art History 115 (3)

HISTORY OF ASIAN ARTS I

A survey of the Art of Asia, including the sculpture, architecture and painting of India, China, Japan, Indonesia, Central Asia, Tibet and Southeast Asia. These cultures will be studied, with an emphasis on visual comparisons, from pre-historic times to the spread of Buddhist and Hindu art styles in their historic context. 3:1:0

Art History 117 (3)

INDIGENOUS ART OF THE AMERICAS

This is a one semester course intended to introduce students to the Pre-Columbian art of Central and South America and the indigenous arts of North America. Emphasis will be placed upon the art of Mexico, Guatemala, Peru, and the Pacific Northwest. 3:1:0

Prerequisite: one other Art History course, or one Latin American Studies course.

Art History 212 (3)

APPROACHES TO THE HISTORY OF WESTERN ART

This course continues the study of themes that occur and reoccur through art. Themes to be considered, using the visual comparative method, include Art and Politics, Art and Nature, Portraiture and its purposes, Art and the Sensual, and the impact of 'modernity' upon the artist and consumer. No prerequisite. 3:1:0

Art History 213 (3)

TWENTIETH CENTURY ART

This course familiarizes students with the development and significance of Modern Art: Fauvism, Cubism, Expressionism, Metaphysical, Fantasy, Surrealism, Abstract Expressionism, Pop Art and Minimalism, Op Art, Post-Minimalism and Neo-Abstraction. 3:1:0

Art History 214 (3)

HISTORY OF WESTERN ART II

This is the continuation of Art History 114 and it familiarizes students with the chronological approach to the history of art from the High Renaissance through Baroque, Rococo and 19th Century to the modern period. At the same time the course explores the environmental, economic, social and cultural effects of the art and architecture of each period. No prerequisite. 3:1:0

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 the cultures of the first semester with a special emphasis on China and Japan. No prerequisite. 3:1:0

BIOLOGY (BIOL) COURSES

Prerequisites

Prerequisites for courses in Biology are valid for only three years. If you wish to register in a course for which the prerequisite was taken more than three years ago, you will require departmental permission. You may be required to write a diagnostic test or to "upgrade" the prerequisite.

Repeating a Course

A Biology course may be taken only twice, regardless of the grade earned in the first enrolment. The department chair, or delegate, will decide on exceptions to this rule, usually on the basis of documented evidence of upgraded prerequisites.

Biology 105 (0)

BIOLOGY FIELD SCHOOL

Students taking any of the biology courses listed below must register in Biology 105 if it is offered in the same semester. The field school is located out-of-town (usually BAMFIELD MARINE STATION) during the Fall Semester). The course has a separate fee to cover the additional costs of running a non-Langara course. The field school is 4 days long (Thursday, Friday, Saturday, and Sunday), and occurs around the middle of the semester.

Biology Courses Requiring Concurrent Registration in Biology 105

Biology 340	Biology 440
Biology 350	Biology 450
Biology 380	Biology 480
Biology 115 (3)	

GENERAL BIOLOGY I

An introduction to cell structures, physical and chemical properties of living matter, photosynthesis, cell reproduction and hereditary, molecular genetics and evolution. No prerequisite. 4:0:2

Biology 116 (3)

CONCEPTS IN BIOLOGY I - HUMAN BIOLOGY

The course emphasizes human biology, stressing applications of biology that help you higher understand and cope with a contemporary world. Major topics are human systems, metabolism and energy relations. No prerequisite. The follow-up course is Biology 216.4:0:2

NOTE: Biology 116/216 are especially designed for Arts majors.

Biology 145 (3)

FOOD SCIENCE

The 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. No prerequisite. 3:1:0

Biology 145 is a requirement for the Food Services Supervisor/Technician Program but is open to all students.

Biology 150 (3)

HUMAN ANATOMY AND PHYSIOLOGY

A non-laboratory course for students not majoring in the biological sciences, dealing with the structure and function of systems of the human body. Recommended for pre-nursing, human performance and recreation students. No prerequisite. 3:1:0

Biology 151 (3)

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. No prerequisite. 4:0:0

Biology 160 (3)

HUMAN ANATOMY AND PHYSIOLOGY

This course is a basic survey of the structure and function of the human body for non-major students. It is a requirement for the Food Services Supervisor/Technician Program but is open to all students. No prerequisite. 4:0:0

Biology 180 (3)

ENVIRONMENTAL STUDIES I

Introduction to Ecology

This course in ecology is intended primarily for non-science majors. It is part of the Environmental Studies Program. Aspects of community ecology, human influences, land use conflicts and pollution are emphasized. Local field work is required. No prerequisite. 3:0:3

Biology 190 (3)

HEALTH SCIENCE I: HUMAN ANATOMY AND PHYSIOLOGY I

An introduction to human structures and functions emphasizing basic physiology principles plus cell and tissue structure. Laboratory exercise will demonstrate underlying physiological processes. This course is for students planning to enrol in Biology 191: Health Science II in the second term. 4:0:2

Prerequisite: admission to the Langara Nursing Program or permission of the Biology Department.

Biology 191 (3)

HEALTH SCIENCE II: HUMAN ANATOMY AND PHYSIOLOGY II

A systems approach to the anatomy of the human body's normal function and maintenance, applying the material studied in Biology 190: Health Science I. Laboratory work will include growth of body function. 4:0:2

Prerequisite: Biology 190.

Biology 215 (3)

GENERAL BIOLOGY II

A comparative study of the skeletal, muscular and nervous systems; modern principles of development, behaviour, genetics, and cell division, ecology, evolution, and a review of the major phyla. 4:0:2

Prerequisite: Biology 115 or equivalent.

NOTE: Biology 215 is normally offered in the spring and summer semesters and not in the fall semester.

Biology 216 (3)

CONCEPTS IN BIOLOGY II - HUMAN BIOLOGY

Science for Arts majors, see Biology 116—contemporary aspects of ecology, populations, pollution, genetics, and evolution are major topics. 4:0:2

Prerequisite: Biology 116 or equivalent.

Biology 221 (3)

HUMAN ANATOMY AND PHYSIOLOGY III

Nervous system, sense organs, digestive, endocrine and reproductive systems, gametogenesis, fetal development and physiology, and genetics. 4:0:2

Prerequisite: Biology 121 with a "C" grade or higher.

Biology 280 (3)

ENVIRONMENTAL STUDIES II

Introduction to Ecology

For non-science majors with interest in the environment. A wide variety of topics in ecology will be presented. British Columbia examples will receive emphasis. Local field work is required. 3:0:3

Prerequisite: Biology 180.

Biology 290 (3)

HEALTH SCIENCE III: PATHOPHYSIOLOGY I

The first half of a two semester course. An overview of basic health science including the interrelationship among pathobiology, immunology, microbiology, biochemistry, pharmacology, and nutrition relevant to nursing. Topics covered will be closely coordinated with the clinical experiences. 4:0:0

Prerequisite: Biology 191 or permission of the instuctor.

Biology 291 (3)

HEALTH SCIENCE IV: PATHOPHYSIOLOGY II

The continuation of and completion of Health Science III. 4:0:0

Prerequisite: Biology 290 or permission of the instructor.

NOTE: Some courses at the 300 and 400 levels may not be offered every year. Biology 315/Biology 415 may be offered in any order. Students may take Biology 415 prior to Biology 315.

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. 4:0:2

Prerequisites: Biology 215 with a "C+" grade or higher and Chemistry 220 with a "C+" grade or higher.

NOTE: Please note that (at the Universities) credit for Biology 315 will be withheld until you have completed Chemistry 416 (or equivalent) successfully.

Biology 321 (3)

MEDICAL MICROBIOLOGY

Principles of microbiolgy and pathology pertaining to the study of harmful bacteria and micro-organisms. Designed primarily for nursing students. Other students should check transfer credits. 4:0:0

Prerequisite: Biology 221 with a "C" grade or higher.

Biology 330 (3)

INTRODUCTION TO GENETICS

An in-depth study of Mitosis and Meiosis; Mendelian genetics; modified Mendelian ratios; sex-linkage; linked genes and chromosome mapping; variations in chromosome number; the chemical nature of the gene, gene structure and function; quantitative genetics; mutations and mutagenesis, and population genetics. 4:0:2

Prerequisites: Biology 115 and 215 (or an approved equivalent) with a "B-" grade or higher in each of Biology 115 and 215. Biology 115 and/or 215 cannot be taken concurrently with this course.

Statistics 281 and Chemistry 316 and 416 (Organic Chemistry) are highly desirable.

Biology 340 (3)

BOTANY: VASCULAR PLANTS

This course is an introductory survey of vascular plants with an emphasis on anatomy, physiology, ecology and evolution. 4:0:3

Prerequisites: Biology 215 with a "C+" grade or higher.

Biology 350 (3)

COMPARATIVE VERTEBRATE ANATOMY

A comparative study of the vertebrates. Emphasis will be on the evolution, development, structure, and function of organ systems and the dissection of representative forms. 3:1:3

Prerequisite: Biology 215 with a "C+" grade or higher.

Biology 360 (3)

VERTEBRATE PHYSIOLOGY I

A lecture and laboratory course dealing with membrane events, nerve-muscle physiology, the nervous system, and blood; for students proceeding to advanced work in the biological sciences. 4:0:2

Prerequisites: Biology 215 or Biology 221 with a "C+" grade or higher.

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. 4:0:2

Prerequisite: Biology 215 or equivalent with a "C+" grade or higher.

Biology 380 (3)

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. 3:1:3

Prerequisite: Biology 215 with a "C+" grade or higher.

Biology 415 (3)

CELL BIOLOGY II

A detailed study of cell structures. 4:0:2

Prerequisite: Biology 215 with a "C+" grade or higher.

Biology 421 (3)

PATHOLOGY

A survey of human pathology for nursing students. 4:0:0

Prerequisite: Biology 221 with a "C" grade or higher.

Biology 440 (3)

BOTANY: NON-VASCULAR PLANTS AND FUNGI

This course is an introductory survey of the non-vascular plants (including algae, lichens, and bryophytes) and the fungi, with an emphasis on diversity, evolution and ecology. 4:0:2

Prerequisites: Biology 215 with a "C+" grade or higher.

Biology 450 (3)

INVERTEBRATE BIOLOGY

An introductory survey of the invertebrates, including systems, evolution, and ecological relationships. 4:0:2

Prerequisites: Biology 215 with a "C+" grade or higher.

Biology 460 (3)

VERTEBRATE PHYSIOLOGY II

A lecture and laboratory course dealing with respiration, digestion, metabolism, the endocrine glands, reproduction, and kidney function; for students proceeding to more advanced work in the biological sciences. 4:0:2

Prerequisite: Biology 360.

Biology 470 (3)

MICROBIOLOGY II

Topics include medical microbiology, microbial genetics, virology, immunology, and industrial microbiology. 4:0:2

Prerequisite: Biology 370.

Biology 480 (3)

POPULATION ECOLOGY

An introduction to plant and animal population ecology, with emphasis on communities present in North America. Topics inclide population dynamics, interaction, and modelling. Field trips during laboratory hours will be required. 4:0:3

Prerequisite: Biology 215 with a "C+" grade or higher.

Corequisite: Biology 105 when offered.

Arts and Science (Canadian Studies)

For Diploma information see page 32.

CANADIAN STUDIES (CDN ST) COURSES

Canadian Studies 105 (0)

LECTURE SERIES

This is a non-credit, non-fee course consisting of a series of lectures on a theme related to one of the course offerings. A minimum of four lectures will be given during the semester. Requirement for the diploma in Arts and Science (Canadian Studies).

Canadian Studies 110 (3)

CANADIAN CULTURAL ISSUES

A survey of contemporary Canadian culture, with a focus on regional and multicultural images and identities; architecture and visual arts; and contemporary electronic and print communication, both public and private. No prerequisite. 3:1:0

Canadian Studies 120 (3)

CANADIAN FIRST NATIONS CONCERNS

A survey of contemporary First Nations (Indian, Inuit and Metis) issues. Emphasis placed upon various social, political, economic, anthropological and artistic concerns in terms of the Canadian multicultural perspective. No prerequisite. 3:1:0

Canadian Studies 130 (3)

WORK IN CANADIAN SOCIETY

An interdisciplinary study of the concept of work in Canadian society. The problems Canadians encounter in the field of work will be considered from such viewpoints as Sociology, History, Literature and Philosophy. No prerequisite. 3:1:0

Canadian Studies 140 (3)

RACISM AND ETHNIC RELATIONS IN CANADA

This course deals with racial and ethnic relations in Canada. It will emphasize social, political and economic analyses of the family, school, workplace, law and media, with special focus on British Columbia. No prerequisite. 3:1:0

CHEMISTRY (CHEM) COURSES

Prerequisites

Prerequisites for courses in Chemistry are valid for only three years. If you wish to register in a course for which the prerequisite was taken more than three years ago, you will require departmental permission. You may be required to write a diagnostic test or to "upgrade" the prerequisite.

Repeating a Course

A Chemistry course may be taken only twice, regardless of the grade earned in the first enrolment. The department chair, or delegate, will decide on exceptions to this rule, usually on the basis of documented evidence of upgraded prerequisites.

DIAGNOSTIC TESTS

The Chemistry diagnostic placement test is an assessment of the student's knowledge of the chemical principles and their applications. It is designed to help the student choose and register in the chemistry course most appropriate to his/her needs and abilities. The tests are designed for those students wishing entry into Chemistry 118 and 120.

You do **not** have to write the test if:

<u>For Chemistry 118 you have:</u>

- An "A" or "B" grade in Chemistry 11, or a "C-" or higher in Chemistry 12, and Mathematics 11 with a "C" grade or higher, from a recognized B.C. secondary school within the previous three years.

or

- A "C-" grade or higher in Chemistry 114 and Mathematics 150 (or equivalent).

For Chemistry 120 you have:

- An "A" or "B" grade in Chemistry 12 and Mathematics 12 with a "C" grade or higher, from a recognized B.C. secondary school within the previous three years.

or

- A "C-" grade or higher in Chemistry 118, and Mathematics 12 with a "C" grade or higher. Mathematics 152 may be taken concurrently.

Chemistry 114 (3)

AN INTRODUCTION TO CHEMISTRY

A one semester introduction to Chemistry intended for students who have had no secondary school Chemistry and who 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. 3:0:2

Chemistry 117 (3) and Chemistry 217 (3)

ENVIRONMENTAL CHEMISTRY FOR ARTS MAJORS

Chemistry 117 - This course emphasizes the practical applications of chemistry in nature, living systems, and society. The role of science in shaping our view of ourselves and our surroundings will also be examined. An opportunity to do science will be provided by means of participatory lecture demonstrations, laboratory experiments, and take-home experiments. 3:0:2

This course satisfies the lab science credit requirement for Arts majors. No prerequisite.

Chemistry 217 - This course is a continuation of Chemistry 117. Following the same basic format, it will treat toxicology, environmental chemistry, nuclear energy, drug chemistry, food chemistry, the chemical industry and the disposal of hazardous waste. 3:0:2

This course satisfies the lab science credit requirement for Arts majors.

Prerequisite: Chemistry 117.

NOTE: Chemistry 118, 120 and 220 are new courses. They replace Chemistry 115/215 and Chemistry 125/225.

Chemistry 118 (3)

INTERMEDIATE CHEMISTRY

A continuation of the Chemistry 114 course with an increased emphasis on laboratory work. Chemistry 118 topics include: solutions, gases, an introduction to thermochemistry, electrochemistry, chemical equilibrium, acid-base chemistry and nuclear chemistry. 3:1:3

Prerequisites:

- Chemistry 114, or B.C. Chemistry 11 within the previous three years with a "B" or higher standing, or B.C. Chemistry 12 within the previous three years with a "C-" or higher standing,

or

- Chemistry 11 or equivalent AND A SATISFACTORY SCORE ON THE CHEMISTRY DIAGNOSTIC TEST.
- Mathematics 11 or equivalent with a "C" or higher standing, or Mathematics 150, or equivalent.

Chemistry 120 (3) and Chemistry 220 (3)

GENERAL CHEMISTRY

Chemistry 120 plus Chemistry 220 constitute a first year course in general college chemistry. Chemistry 120 covers atoms and electrons, bonding, absorption of energy by molecules, gases, liquids, solids, crystals, and organic chemistry. 3:0:3

Prerequisites for Chemistry 120: Chemistry 118, or a recent Chemistry 12 with a "B" or higher standing, or Chemistry 12 or equivalent AND A SATISFACTORY SCORE ON THE CHEMISTRY DIAGNOSTIC TEST and Mathematics 12 with a "C" or higher standing or Mathematics 152 (may be taken concurrently) or equivalent.

Chemistry 220 topics include solutions, acids and bases, buffers, electron transfer, electrode potentials, energetics, thermodynamics, and chemical kinetics. 3:0:3

Prerequisites for Chemistry 220: Chemistry 120 and Mathematics 152. A proficiency test administered by the department may be required for students wishing

to transfer into Chemistry 220. (Mathematics 153 is recommended as a co-requisite).

Chemistry 120 - Section 33 and Chemistry 220 - Section 33

These special sections will cover the standard topics which constitute a first year course in general college chemistry with an emphasis on environmental problems. They have the same prerequisites and carry the same university transfer credit as Chemistry 120 and Chemistry 220, and are primarily intended for students registered in Environmental Studies. Other students who have an interest in environmental science may be admitted. The lectures will focus on ecological problem solving and the laboratory experiments will teach environmental chemistry techniques.

Chemistry 315 (3) and Chemistry 415 (3)

PHYSICAL AND INORGANIC CHEMISTRY
These two courses constitute a second year course in physical and inorganic chemistry.

Chemistry 315: This course includes a brief review and extension of equilibria in solution, an introduction to thermodynamics including the First and Second Laws, enthalpy, entropy, Gibbs Free Energy, and chemical potentials. (Fall Semester only.) 4:0:3

Prerequisites: Chemistry 220 or equivalent, and Mathematics 171 or equivalent (may be taken concurrently).

Recommended: Mathematics 271 or equivalent, and a "C+" or higher standing in the prerequisite chemistry course.

Chemistry 415: A continuation of Chemistry 315. Topics discussed include modern concepts of atomic structure and bonding, descriptive inorganic chemistry with some physical methods of determining structures, and electrochemistry. 4:0:3

(Spring Semester only.)

Prerequisite: Chemistry 315.

Chemistry 316 (3) and Chemistry 416 (3)

ORGANIC CHEMISTRY
A second year level course in general organic chemistry.

Chemistry 316: Topics include simple aliphatic and aromatic compounds including hydrocarbons, alkyl halides, organometallic compounds; an introduction to reaction mechanisms, to stereochemistry and to the use of spectroscopy in organic chemistry. (Normally Fall Semester only.) 4:0:3

Prerequisite: Chemistry 220 or equivalent.

Chemistry 416: Topics include aromatic compounds, alcohols and ethers, carbonyl compounds, carboxylic acids, amines, and amino acids. Bio-organic systems may also be covered. (Normally Spring Semester only.) 4:0:3

Prerequisite: Chemistry 316 or equivalent.

CHINESE COURSES

Chinese 115 (3) and Chinese 215 (3)

BEGINNER'S COLLEGE CHINESE
An introduction to spoken Mandarin and modern written Chinese with heavy emphasis on the audio-lingual approach. After the oral-aural foundation has been laid, emphasis gradually shifts toward developing the student's ability to read written texts. New vocabulary items are always introduced in both phonetic transcript and in characters. At the end of Chinese 215 the student is expected to be able to understand and speak basic Mandarin and to read and write about 500-600 Chinese words. 3:0:1

Prerequisite for Chinese 115: None.

Prerequisite for Chinese 215: Chinese 115.

Native speakers of Chinese who have basic reading and writing skills will not be permitted to take this course.

Chinese 117 (3) and Chinese 217 (3)

INTERMEDIATE CHINESE
As a continuation of Chinese 115 and 215, this course offers further oral and written practice in Chinese including a thorough review of the language's structure and grammar, plus additional vocabulary. The emphasis will be placed on reading, conversation, composition and translation. At the end of Chinese 217, the student is expected to be able to use all the basic sentence patterns in modern Chinese and know about 1,200 to 1,300 Chinese words. 3:0:1

Prerequisite for Chinese 117: Chinese 215 or equivalent.

Prerequisite for Chinese 217: Chinese 117.

Native speakers of Chinese with intermediate reading and writing skills will not be permitted to take this course.

Arts and Science (Classical Studies)

For Diploma information see page .32

CLASSICAL STUDIES (CLASSICAL ST) COURSES

Classical Studies 101 (3)

INTRODUCTION TO GREEK CIVILIZATION
An introduction to the golden age of fifth century Athens with emphasis on its historical, literary, political and artistic contributions. No prerequisite. 3:1:0

Classical Studies 105 (0)

This is a non-credit, non-fee weekly colloquium on classical topics.

Classical Studies 201 (3)

INTRODUCTION TO ROMAN CIVILIZATION
The peace of Augustus in first century Rome with emphasis on its historical, literary, political and artistic contributions. No prerequisite. 3:1:0

Arts and Science (Commerce)

For Diploma information see page 32.

COMMUNICATION (COMMUN) COURSES

LANGUAGE PROFICIENCY INDEX

If you plan to enrol in a first semester Communication course, you must take the B.C. Language Proficiency Index Test prior to the semester in which you hope to register. You must score a Level 4 or higher on the LPI.

NOTE: For Reading and Writing Skill Development 100 (3) a course with regular grading and college credit but not university transfer credit, see course description listed alphabetically.

NOTE: The following courses are designed for students in Langara's Career Programs. They carry College credit, but not University transfer credit.

Communication 115 (3)

INTERPERSONAL COMMUNICATION
Interpersonal communication theory put into practice in games, exercises, group and individual projects that cover small group dynamics, interviews and oral presentations. 4:0:0

Prerequisite: English 12, CV 81/91, and LPI or acceptance into a Career Program.

Communication 116 (3)

REVIEW OF SPELLING AND PUNCTUATION
Because this course is especially designed for students on the Court Reporter program, enrolment is restricted. Review of basic principles of spelling, punctuation, and sentence composition with extensive practice and drills in relation to the needs of court reporting. 4:0:0

Prerequisite: LPI and acceptance in the Court Reporter Program.

Communication 117 (3)

ORAL DEVELOPMENT AND LISTENING SKILLS
Effective speaking and listening skills developed in a lab environment, with practice in persuasive vocal techniques (dynamics, articulation, tempo, pitch) and listening exercises. Skills are applied in a variety of

situations: impromptu and extemporaneous speeches, interviews, and debates. 4:0:0

Prerequisite: English 12, CV 81/91, or acceptance into a Career Program. Restricted to students in the Criminal Justice Program.

Communication 118 (3)

WRITTEN COMMUNICATION

Training in writing skills, with emphasis on business writing in a career context. Writing projects include memos, letters, reports, resumes, and employment correspondence. 4:0:0

Prerequisite: English 12, CV 81/91, and LPI or acceptance into a Career Program.

Communication 119 (3)

TECHNICAL WRITING

Technical writing for Computer Systems Technologist students. Writing practice, using a word processing program in the microcomputer lab. Assignments include memos, letters, and short and long reports. 2:0:2

Prerequisites: English 12, CV 81/91, and LPI and acceptance into the Computer Systems Technologist Program.

Communication 219 (3)

TECHNICAL WRITING: DOCUMENTATION

Training in technical writing skills, focused on writing descriptions and explanations of the purposes and functions of computer programs to a variety of audiences. Assignments include writing instruction manuals and on-line tutorials. 2:2:0

Prerequisite: Communication 119.

COMPUTER SCIENCE (COMP SC) COURSES

Prerequisites

Prerequisites for courses in Computer Science are valid for only three years. If you wish to register in a course for which the prerequisite was taken more than three years ago, you will require departmental permission. You may be required to write a diagnostic test or to "upgrade" the prerequisite.

Repeating a Course

A Computer Science course may be taken only twice, regardless of the grade earned in the first enrolment. The department chair, or delegate, will decide on exceptions to this rule, usually on the basis of documented evidence of upgraded prerequisites.

Computer Science 131 (3)

INTRODUCTION TO MICROCOMPUTERS

The purpose of this course is to develop a broad understanding of computers: what they are, what they can do and what their impact is on life and work in modern society. A major portion of the course will be devoted to providing exposure to computer tools, such as word processing, spreadsheets, data management, and programming. There will be an emphasis on general concepts, design principles and problem solving. 4:0:2

Prerequisites: None. (Keyboarding skills of 15 wpm, basic mathematics and communication skills are helpful.)

Computer Science 135 (3)

PRINCIPLES OF COMPUTER PROGRAMMING

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 a "high-level" computer programming language (e.g. Modula-2); to develop an appreciation of the relationships between hardware, programs, and problem-solutions. 4:0:2

Prerequisite: Mathematics 12 with a "B" grade or higher, OR any of Mathematics 153, 170, 171, or 174 with a "C" grade or higher, OR obtaining at least a score of 50% on word problems of the Mathematics Diagnostic Test and eligibility to register in one of the named Langara Mathematics courses.

*Computer Science 190 (4)

INTRODUCTION TO COMPUTER ELECTRONICS

This course introduces the basic electronic concepts used in modern computers. The topics include an overview of computer system hardware, basic A.C. and D.C. circuit concepts, power supplies, and combinational logic circuits. A series of experiments that illustrates these basic concepts and teaches the use of basic test equipment is included. 3:0:3

Prerequisites: Physics 11 and Mathematics 12 with "C" grade or higher and registration in the Computer Systems Technologist Program.

Computer Science 235 (3)

PROGRAM DESIGN AND IMPLEMENTATION

This course provides extensive exposure to problem analysis and procedural abstraction, through lecture and supervised labs by extending the principles of computer programming learned in Computer Science 135. Reviews data types, control statements, input/output facilities, and procedures. Covers recursion, complex data structures, systematic software development, abstract data types, creation of libraries of reusable routines, sorting and searching algorithms, efficiency considerations in algorithms, linked lists and graphs, advanced data manipulation and low-level applications. Object-oriented programming will be introduced. Students will develop a major project for this course. 4:0:2

Prerequisites: Computer Science 135 or equivalent with "C" grade or higher, or "A" in Computer Science 12 and "B" in Mathematics 12 and permission of the Department Chair.

Computer Science 236 (2)

INTRODUCTION TO FUNCTIONAL PROGRAMMING

This course is an introduction to functional programming, the distinctive features of a functional programming language, functional programming paradigms, and appropriate applications. This course is recommended for students transferring to Computer Science at UBC. 2:0:1

Prerequisites: Computer Science 135 with "C" grade or higher and Computer Science 235 corequisite.

Computer Science 270 (4)

ADVANCED MICROCOMPUTER APPLICATIONS

This course provides the student, as a future application developer, with fundamental concepts of analysis, design, implementation, and maintenance of application tools for business, government, the professions, and the Sciences. The objectives of this course are to acquaint the students in a fairly rigorous fashion with the system and application engineering issues in the PC world which are often parallels of the same issues in the mainframe and mini computer world.

To this end students will cover the following topics:

System Engineering

- operating systems and their configuration, in particular, DOS, Windows, Novell and UNIX

Application Engineering

- advanced features of Lotus and Wordperfect including automation through macro programming
- programming theory and practical implementation featuring:
  - "Xbase" language as implemented in Dbase
  - Structured Query Language using a suitable tool (e.g. DQuery
  - Graphical user programming using a suitable tool (e.g. The Whitewater Resource kit for the Windows environment)

Learning and evaluating each application package in terms of effectiveness and user interface will be emphasized throughout the course. 4:0:2

Prerequisites: Computer Science 131 with a "C" grade or higher and registration in the Computer Systems Technologist program or permission of the CST Co-ordinator or Department Chair.

*Computer Science 290 (5)

DIGITAL AND MICROPROCESSOR SYSTEMS

This course introduces digital systems and microprocessors with an emphasis on how they are used to build complete computer hardware systems. The topics include sequential logic, state machines, microprocessors, machine language programming, memory systems, and input and output devices. A series of experiments that illustrates each topic and teaches various logic analysis techniques is included. 3:0:3

Prerequisites: Computer Science 190 with "C" grade or higher and registration in the Computer Systems Technologist program or permission of the CST Co-ordinator or Department Chair.

Computer Science 335 (3)

DATA STRUCTURES FOR COMPUTER SCIENCE

This course focuses on the study of data structures and abstraction, and their transformation. It covers both linear and non-linear structures and their implementation in appropriate environments; provides a new approach in viewing data abstraction through Object-Oriented Programming (OOP) techniques. 4:0:2

Prerequisite: Computer Science 235 or equivalent with "C" grade or higher. (Students from other institutions must know C or C++ language to register into Computer Science 335.)

Computer Science 336 (3)

DISCRETE STRUCTURES FOR COMPUTER SCIENCE

Includes: Sets and propositions, relations and functions, permutations, combinations and counting, induction proofs, graphs, trees, networks, Boolean algebra, mathematical models. 4:0:0

Prerequisites: Mathematics 153 with "B" grade or 262 with "C" grade or Mathematics 171 with "C" grade and Computer Science 135 or equivalent with "C" grade or higher.

Note: Students taking Computer Science 336 are encouraged to enrol in Computer Science 236 as well.

*Computer Science 340 (3)

MANUAL AND COMPUTER-AIDED ENGINEERING GRAPHICS

Orthographic projection, technical sketching, development of the ability to visualize in three dimensions. Standards and conventions of engineering drawing, graphical representation of engineering data. Introduction to computer-aided drawing (CAD). Vector graphic. Engineering geometry in solving 3-D space problems. 3:0:2

Prerequisites: 100-Level Mathematics with "C" grade or higher and Physics 219 (which may be taken concurrently) and Computer Science 135 (which may be taken concurrently).

*Computer Science 345 (3)

INTRODUCTION TO COMPUTER GRAPHICS

Fundamental concepts and techniques in computer graphics, using C/C++ language, with emphasis on algorithms for the development of a basic graphic system. Topics include basic interactive graphics programming, windowing, clipping and shearing, segmentation, 2D and 3D geometric transformation, viewing in 3D, hidden surface/line removal, representation of 3D shapes, shaping and colour models, modeling methods, line and polygon representation algorithms. 4:0:2

Prerequisites: Computer Science 235 and Mathematics 153 or Mathematics 171 (preferred) each with a grade of "C" or higher, and registration in the Computer Systems Technologist Program or permission of the CST Co-ordinator or Department Chair.

*Computer Science 398 (1)

WORK PLACEMENT REPORT I

Work report. The preparation of the work term report, which is evaluated by the co-operative co-ordinator, faculty, and in some cases by the employer, gives the student valuable experience in the gathering, analysis, and effective presentation of information in a professional manner. Students select a topic for the work report in consultation with the co-operative co-ordinator and the employer and receive guidelines on how to write a work report from the College. 0:6:0

NOTE: Restricted to students meeting the admission requirements of Co-operative Education.

*Computer Science 399 (6)

CO-OPERATIVE WORK PLACEMENT I

— Graded S/U. (see Page 18)

The first year of work experience for students in the CST Co-operative Education Program. It provides the student with an opportunity to become familiar with the real-life application of the theoretical studies of Computer Science in a data-processing environment. 0:0:37

NOTE: Restricted to students meeting the admission requirements of Co-operative Education.

Computer Science 436 (3)

COMPUTING ARCHITECTURE

This course focuses on fundamental concepts of computing and computer architecture. Topics include: solvability of problems using a computer, the Turing machine, number representation in a computer, memory organization and addressing schemes, internal representation of data, assembly language, interfaces, and operating systems issues. 4:0:2

Prerequisite: Computer Science 235 or equivalent with "C" grade or higher.

*Computer Science 480 (3)

INTRODUCTION TO OPERATING SYSTEMS

This course develops an understanding of the functions and services of the computer operating system including job-to-job transition, input and output control, multi-programming and multi-processing processes, Process management, resource management and related issues, file systems as well as computer system protection and security. Several popular operating systems such as MS-DOS, OS/2 and UNIX will be discussed and explored. 4:0:2

Prerequisites: Computer Science 335 and Computer Science 436 (each with "C" grade or higher) and registration in the Computer Systems Technologist Program or permission of CST Co-ordinator or Department Chair.

*Computer Science 565 (3)

INTRODUCTION TO DATABASE

This course provides the student with a knowledge of data base concepts, advantages and disadvantages; data management and data structuring; database design and implementation; insight into the current database systems and related issues.

Students will gain experience through in-depth application of a common micro-computer database, (e.g. Oracle), as well as a query language. 4:0:2

Prerequisites: Computer Science 335 (which may be taken concurrently) and registration in the Computer Systems Technologist Program or permission of the CST Co-ordinator or Department Chair.

NOTE: File structures foundation is covered in Computer Science 335.

*Computer Science 580 (5)

SOFTWARE ENGINEERING

The design and implementation of large multi-module program systems using group programming techniques. Life cycle: definition, construction, implementation and operation; software tools; features and use of module-oriented languages as well as intermodule communications; integrated programming environments. Includes group projects with emphasis on issues such as system functionality, time and resource constraints, flexibility and maintainability, and documentation. A development tool, (e.g. Excelerator Package) will be used to demonstrate the concept of prototyping and system design. 4:0:4

Prerequisites: Computer Science 335 and Computer Science 565 with "C" grade or higher and registration in the Computer Systems Technologist Program or permission of the CST Co-ordinator or Department Chair.

*Computer Science 590 (4)

HARDWARE ARCHITECTURE

Study of the architectures of computers, and experience with their basic implementation techniques. Scope of computer architecture, technical framework, the I/O system, uniprocessors: the outer and inner architecture and microprogramming; Language directed architecture: RISC and CISC; memory structure and management techniques. Typical project include construction of a microcomputer or writing device drivers. 3:0:3

Prerequisites: Computer Science 290 and Computer Science 436 each with "C" grade or higher and registration in the Computer Systems Technologist Program or permission of the CST Co-ordinator or Department Chair.

*Computer Science 598 (1)

WORK PLACEMENT REPORT II

Work report. The preparation of the work term report, which is evaluated by the co-operative co-ordinator, faculty, and in some cases by the employer, gives the student valuable experience in the gathering, analysis, effective presentation of information in a professional manner. Students select a topic for the work report in consultation with the co-operative co-ordinator and the employer, and receive guidelines on how to write a work report from the College. 0:6:0

NOTE: Restricted to students meeting the admission requirements of Co-operative Education.

*Computer Science 599 (6)

CO-OPERATIVE WORK PLACEMENT II
— Graded S/U (see Page 18)
The second year of work experience for students in the CST Co-operative Education Program. It provides the student with an opportunity to apply his or her hardware and/or software skills to the specific problems of a given environment. 0:0:37

NOTE: Restricted to students meeting the admission requirements of Co-operative Education.

*Computer Science 695 (3)

DATA COMMUNICATIONS AND NETWORKS
This course covers fundamental concepts of Data Communications and Networking including data link control and multiplexing; data communications equipment and software; communications protocols; networking with particular emphasis on the OSI international model; alternative to networks as well as issues of network software integration in modern operating systems. A series of lab assignments and experiments to illustrate data communications techniques and fundamentals of design, configuration and implementation of LAN's will be given. 4:0:2

Prerequisites: Computer Science 290 and Computer Science 436 and (200-Level) Mathematics course all with "C" grade or higher and Computer Science 590 (which may be taken concurrently) and registration in the Computer Systems Technologist Program or permission of the CST Co-ordinator or Department Chair.

Arts and Science (Computer Systems Technologist)

For Diploma information see page 33.

ECONOMICS (ECON) COURSES

Registration Requirements - Economics 110, 111, 115, 116, 117, 118, 119, 120, 220, 221

Students wishing to enrol in **ANY** 100 level economics course or Economics 220/221 will be required to achieve a Level 4 (24 to 29 out of 40) on the Language Proficiency Index (L.P.I.). In the absence of an L.P.I. score, the Department Chair **MAY** permit a student to enrol if his/her secondary school Grade 12 English/ Communications score is equal to or greater than "C" (or equivalent).

Additional Registration Requirements for Economics 220/221

In addition to the above requirement, students wishing to enrol in either Economics 220 or 221 must have a college grade point average (G.P.A.) of "C" (2.0) or higher. In the absence of a G.P.A., students must have a "C" grade or higher in English 12 and either Mathematics 11 or Accounting 11 or equivalent.

The Economics Department strongly recommends that students who have not taken Economics courses at the college level enter directly into 100 level Economics courses such as Economics 115, 116 or 118. The rate of successful completion of Economics 220 and 221 is significantly lower for those students who do not have an Economics 100 background.

Transfer credit in Economics to the University of British Columbia is restricted to any two of Economics 115, 116, and 119. The University of British Columbia further restricts transfer credit in Economics to a maximum of two one hundred level courses.

Economics 110 (3)

COMPARATIVE ECONOMIC SYSTEMS
This course compares the economic systems of Canada and the Soviet Union in terms of how 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

Prerequisite: see registration requirements above.

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

Prerequisite: see registration requirements above.

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

Prerequisite: see registration requirements above.

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

Prerequisite: see registration requirements above.

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

Prerequisite: see registration requirements above.

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

Prerequisite: see registration requirements above.

Economics 119 (3)

CANADIAN DOMESTIC AND INTERNATIONAL ISSUES
This course uses economic principles to describe and analyse contemporary domestic and international issues confronting the Canadian economy. 3:1:0

Prerequisite: see registration requirements above.

Economics 120 (3)

ECONOMIC DEVELOPMENT OF LATIN AMERICA
This course will provide an introduction to the economic development of Latin America, from the pre-colonial to the modern period, focusing on the central theme of development from various perspectives by examining contemporary issues juxtaposed with case studies. 3:1:0

Prerequisite: see registration requirements above.

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 semester schedules.

Prerequisites will be announced by special bulletin.

Economics 220 (3)

PRINCIPLES OF ECONOMICS (MICRO)
Introductory concepts; the market system; price determination; demand and utility; competitive supply; cost analysis; market structures; equilibrium of the firm; pricing of factor inputs; land rents; wages; interest and capital. 3:1:0

Prerequisite: see registration requirements above.

NOTE: Students who wish to take Economics 220 and Economics 221 in the same semester require an overal GPA of "B" (3.0) or higher in English 12 AND either Mathematics or Accounting 11 or equivalent.

Economics 221 (3)

PRINCIPLES OF ECONOMICS (MACRO)
Introductory macroeconomic concepts; circular flow of income and product; national income; equilibrium level of domestic income; fiscal policy; money and banking; international trade; inflation and unemployment. 3:1:0

Prerequisite: see registration requirements above.

NOTE: Students who wish to take Economics 220 and Economics 221 in the same semester require an overall GPA of "B" (3.0) or higher , or a "B" grade in English 12 AND either Mathematics or Accounting 11 or equivalent.

Economics 251 (3)

INTERMEDIATE MICROECONOMIC ANALYSIS

Consumer behaviour, production, exchange, equilibrium of the firm under different market structures, factor markets, economic welfare. Intended primarily for Bachelor of Commerce students. 4:0:0

Prerequisites: Economics 220 and 221 with a "C" grade or higher, and Mathematics 153, 171, or 174.

Economics 252 (3)

INTERMEDIATE MACROECONOMIC ANALYSIS

Income and employment theory, monetary theory, the open economy, economic fluctuations and growth. 4:0:0

Prerequisites: Economics 220 and 221 with a "C" grade or higher, and Mathematics 153, 171, or 174.

Economics 297 (3)

CAPITAL MARKETS AND INSTITUTIONS

An examination of the economic environment in which financial planning and decision making occur, including the role of the Bank of Canada, domestic and international money markets, and institutions and basic capital asset valuation models. Intended primarily for Bachelor of Commerce students. 3:1:0

Prerequisites: Economics 220 and 221 with a "C" grade or higher, and Mathematics 153, 171, or 174 with a "C-" grade or higher.

Engineering - University Transfer Program

For information see page 29.

ENGLISH (ENG) COURSES

LANGUAGE PROFICIENCY INDEX

If you plan to enrol in a first semester English course, you must take the B.C. Language Proficiency Index Test prior to the semester in which you hope to register. You must score a Level 4 or higher on the LPI.

NOTE: For Reading and Writing Skill Development 100 (3) an upgrading course that carries college credit but not university transfer credit, see course description listed alphabetically.

First Year English Courses

If you wish to earn first year transfer 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 Year English Options:

NOTE: English 126 and 226 and English 181 and 281 may be taken for unassigned credit in first or second year and may be taken in either order.

First Semester Courses:

English 126 (3)

INTRODUCTION TO LINGUISTICS: CONTEMPORARY

English 126 introduces students to various descriptions of language, with special attention to recent models. It covers areas such as the nature and acquisition of language, levels of social use, sounds, meaning, and patterning. 3:1:0

Prerequisite: LPI and English 12 or equivalent.

English 127 (3)

ESSAY WRITING AND SHORT PROSE SELECTIONS

This course emphasizes the principles of composition through the study and writing of various kinds of essays. As a secondary aim, it encourages an appreciation of modern literature through a study of the short story. 3:1:0

Prerequisite: LPI and English 12 or equivalent.

English 128 (3)

SHORT PROSE SELECTIONS AND COMPOSITION

While this course attends to the principles of composition, it emphasizes an appreciation of modern prose writing through the study of both short stories and essays. Most writing assignments are related to the literature studied. 3:1:0

Prerequisite: LPI and English 12 or equivalent.

English 181 (3)

HISTORY OF DRAMA AND THEATRE, PART I

English 181 is a study of 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. 3:1:0

Prerequisite: LPI and English 12 or equivalent.

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 semester schedule. 3:1:0

Prerequisite: announced by special bulletin.

Second Semester Courses:

English 226 (3)

INTRODUCTION TO LINGUISTICS: HISTORICAL

English 226 introduces students to the history and development of the English language from its origins in the Indo-European family through Anglo-Saxon and Middle English to its present day form. It studies the changes that have taken place in sounds, spelling and ordering, as well as the ways in which English has enriched its vocabulary. 3:1:0

Prerequisite: LPI and English 12 or equivalent.

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.

English 281 (3)

HISTORY OF DRAMA AND THEATRE, PART II

English 281 is a study of 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. (English 281 is usually preceded by English 181, but it can be taken either before or along with English 181.) 3:1:0

Prerequisite: LPI and English 12 or equivalent.

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

English 323 introduces students to the range and tradition of early English literature, focusing on Chaucer, Shakespeare, and Milton. Term papers are required. 3:1:0

Prerequisite: English 229 or 230, or equivalent.

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. 3:1:0

Prerequisite: English 229 or 230, or equivalent.

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. 3:1:0

Prerequisite: English 229 or 230, or equivalent.

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. 3:1:0

Prerequisite: English 229 or 230, or equivalent.

English 329 (3)

STUDIES IN POETRY

The course explores a wide range of poems (chiefly from the twentieth century) in a number of styles in order to develop appreciation of the nature and significance of this genre. It will consider major historical poets and contemporaries, with attention to developments, themes, craft, and a variety of possible critical approaches. Term papers are required. 3:1:0

Prerequisite: English 229 or 230, or equivalent.

English 424 (3)

SURVEY OF ENGLISH LITERATURE, PART II

English 424 explores a range of English literature by focusing on major authors and literary forms from the Restoration to the late nineteenth century. Term papers are required. (English 424 is usually preceded by English 323, but it can be taken either before or along with English 323.) 3:1:0

Prerequisite: English 229 or 230, or equivalent.

English 426 (3)

CREATIVE WRITING: POETRY AND DRAMA

The semester'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. 3:1:0

Prerequisite: English 326 or permission of the department.

English 430 (3)

CREATIVE WRITING: POETRY AND SCREENWRITING

The semester's writing will be divided between the two genres: the screenwriting portion will require the writing of a four page treatment, character back stories, and the first draft either of a half-hour film or the first 30 pages of a feature-length film; the poetry portion will require the writing of a collection of short poems unified in a definable way. 3:1:0

Prerequisite: English 326 or permission of the department.

English 435 (3)

AMERICAN LITERATURE

This introductory course explores a selection of major writers and themes and gradually builds a view of the distinctive features of American literature. Writing assignments are related to the works studied. 3:1:0

Prerequisite: English 229 or 230, or equivalent.

Arts and Science (Environmental Studies)

For Diploma information see page 35.

Arts and Science (European Studies)

For Diploma information see page 35.

ENVIRONMENTAL STUDIES (ENVIRON ST) COURSES

Environmental Studies 390 (3)

ENVIRONMENTAL ISSUES SEMINARS

A seminar course in which current issues of environmental significance are presented and discussed. A wide range of perspectives will be presented utilizing sources from the media and from representatives of Government and the Private sector. Students will be required to develop oral and written communication skills and to analyze complex environmental situations. Required of Environmental Studies Program Students. 0:4:0

Prerequisite: Geography 155 or Biology 280.

Environmental Studies 410 (3)

ENVIRONMENTAL LAW

An introduction to environmental law with special reference to British Columbia. Topics will include the study of current legislation, the legal process, jurisdictions, evidence, case presentation, aspects of enforcement and how laws are formulated and revised. Specific case studies will be examined. Required of Environmental Studies Program students. Limited to students registered in the Environmental Studies Program. 4:0:0

Prerequisite: Environmental Studies 390 or permission of the instructor.

Environmental Studies 470 (3)

FIELD SCHOOL

A practical field methods course, including lectures (Spring Semester) and an off campus component during the last week of April. Team taught, the course will feature techniques used for terrain analysis, mapping, inventory of ecosystems, environmental impact assessments and report writing. 2:0:3

Prerequisite: limited to students registered in the Environmental Studies Program.

EUROPEAN STUDIES (EURO) COURSES

European Studies 102 (3)

INTRODUCTION TO MODERN EUROPEAN SOCIETIES

A broad-based survey course, team taught by instructors from different social sciences and humanities disciplines. This course provides students with a foundation for further study of contemporary European societies. The course will begin with a critical examination of the idea of Europe. Particular attention will be given to the origins of Eastern and Central European societies and their unique problems. Other broad topics to be considered will be the dynamics of Western European societies in the age of Imperialism, the social, economic and political effects of global war, the problems facing liberal democracies, the challenge from the totalitarianisms of Fascism, National Socialism and Communism, and the causes of the Second World War. 3:1:0

No prerequisite.

European Studies 202 (3)

EUROPE SINCE THE SECOND WORLD WAR

This course provides a multi-disciplinary, team taught introduction to the major developments in Europe since the Second World War. The emphasis is on the divisions within Europe and the efforts to overcome them. Other issues include economic interdependence, the nation-state, changes in Eastern Europe. Intellectual, literacy, and artistic trends will be examined in relation to the question of a specific European culture and the prospects for economic and political integration. 3:1:0

Prerequisites: European Studies 102 and any combination of 3 of the following: History 115; Sociology 120; Economics 118; Political Science 160; History 215; Sociology 223 or a modern European language.

Arts and Science (Family Studies)

For Diploma information see page 36.

FAMILY STUDIES COURSES

Family Studies 105 (0)

LECTURE SERIES

This is a non-credit, no-fee course consisting of a series of lectures on family-related themes addressed from a wide range of disciplines and/or professional concerns. 2:0:0

For students NOT conducting a supervised project on a topic related to marriage and/or family issues this course is a requirement for the diploma in Arts and Science (Family Studies).

FRENCH (FREN) COURSES

French 115 (3) and French 215 (3)

BEGINNER'S 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. 3:0:1

Prerequisite for French 115: none.

Prerequisite for French 215: French 115.

French 117 (3) and French 217 (3)

INTERMEDIATE FRENCH

First year College French for those who have completed French 215, Grade 11 French in secondary school, or equivalent with at least a "C-". Intermediate grammar, short literary selections and dialogues are studied. These lessons are supplemented by oral work in the Language Laboratory. 3:0:1

Prerequisite for French 117: French 11 or French 215.

Prerequisite for French 217: French 117.

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. 3:0:1

Prerequisite for French 118: French 12 with "C" grade or higher or French 217 with "C" grade or higher.

Prerequisite for French 218: French 118.

French 119 (3) and French 219 (3)

FRENCH LANGUAGE AND LITERATURE

A course consisting of literature, grammar, and written composition for students who plan advanced study in the French Language. 4:0:0

Prerequisite for French 119: French 12, French 217, or French 218 with "B-" grade or higher. Students with a "C" grade in French 12 or French 217 should enrol in French 118.

Prerequisite for French 219: French 119.

French 125 (3) and French 225 (3)

CONVERSATIONAL FRENCH

A conversational approach to French culture. Limited to 16 students. 4:0:1

Prerequisite for French 125: French 12 or French 217.

Prerequisite for French 225: French 125.

This course may be taken in the first year of college, but it is not offered every year.

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. 3:0:1

Prerequisite for French 302: French 219 or equivalent.

Prerequisite for French 402: French 302 or equivalent.

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. 4:0:0

Prerequisite for French 329: French 219 or equivalent.

Prerequisite for French 429: French 329 or equivalent.

GEOGRAPHY (GEOG) COURSES

All geography courses carry university transfer credit. Geography 180 and 190 are laboratory sciences.

Students wishing to enrol in any level Geography course will be required either to have completed a first year English university transfer course (with a "C-" grade or higher), or to have achieved a level 4 (24 to 29 out of 40) on the Language Proficiency Index (L.P.I.).

Geography 180 and 190 are laboratory sciences.

Geography 100 (3)

INTRODUCTION TO GEOGRAPHY

This course introduces first-year students to the thought, theory and skills of the geographer. It examines the unique role of geography in understanding and solving environmental, economic, political and social problems. It covers the approaches used by both physical and human geographers and gives students the opportunity to practise some important geographical techniques. 3:1:0

NOTE: Students planning advanced study in Geography should take this course.

Geography 105 (3)

FIELD TECHNIQUES

This course offers practical experience in the use of a variety of field study techniques. These techniques emphasize the collection and interpretation of field data, introducing the student to such skills as mapping and field sketching, land use interpretation, field data analysis and group production of a field work report.

The techniques will be applied by students to a variety of problems — social, economic, environmental or physical — in field settings. An interview with the instructor is required before registration. No prerequisites. 2:1:2

NOTE: This course is highly recommended for students pursuing advanced study in Geography.

Geography Field School

The Geography Field School is normally comprised of two courses, Geography 105, Field Techniques (3) and one other 3-credit academic Geography course, offered usually in the Summer Semester. Students must enrol in both courses and are required to participate in field work and field trips. The Field School may be offered in an out-of-town or in-town location. Acceptance into the Field School is based on a personal interview with the Instructor prior to registration. Additional Field School expenses, location and the course to be taught in conjunction with Geography 105 will be announced.

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

Geography 130 introduces students to the geographical study of urban places, beginning with a brief history of global urbanization. The focus is on understanding how cities have developed in response to changes in transportation technology, economic activity and urban planning. Case studies are drawn from the eastern and western bloc and first and third world countries. Students will particularly become familiar with the urbanization of the Greater Vancouver region. 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

Geography 155 (3)

ENVIRONMENTAL GEOGRAPHY

This course emphasizes the crucial role which Geographers play in understanding and solving today's environmental problems. Students will be introduced to the key concepts and theories of environmental studies: physical and biological processes, the ecology of populations and ecosystems, biogeography, resource management and environmental ethics. The course examines case studies of current environmental problems on both a global and local scale, including natural hazards, waste management, pollution of air, land, and water, resource depletion and species extinction. 3:1:0

Geography 160 (3)

THE PACIFIC RIM

This course examines the patterns of economic development and social change in countries bordering the Pacific Rim with an emphasis on Pacific Asia and Australasia. Topics include the physical and cultural resources of the region, the growing economic and cultural ties between Pacific Rim countries and the impact of development on the environment and on local culture. 3:1:0

Geography 180 (3)

PHYSICAL GEOGRAPHY (METEOROLOGY, CLIMATOLOGY AND BIOGEOGRAPHY)

This course is a laboratory science which provides an introduction to weather, climate and vegetation. 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. 3:0:2

NOTE: Geography 180 and 190 may be used to fulfill the science requirement for an Arts degree. Students planning advanced study in Geography should take both Geography 180 and 190 in any sequence or concurrently.

Geography 190 (3)

PHYSICAL GEOGRAPHY (GEOMORPHOLOGY AND SOILS)

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. 3:0:2

NOTE: Geography 180 and 190 may be used to fulfill the science requirement for an Arts degree. 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:

a) College Geography Faculty who may wish to present a course in their specialty which may be of limited interest, or
b) Visiting Geography Lecturers.

Announcements regarding Geography 195 and 295 offerings will be made in semester schedules.

NOTE: Prerequisites will be announced by special bulletin.

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 the use of space and with the economic behaviour of modern society together with techniques used in interpreting regional disparities, spatial organization of industry and patterns of transportation and communications. 3:1:0

Prerequisite: Geography 100 or any other Human Geography course or other Social Science alternative with the permission of the instructor.

Geography 270 (3)

CULTURAL GEOGRAPHY

This course presents a geographical interpretation of human society. This includes analysis of man-made landscapes, of culture regions, of the intricate relationships between the physical-natural environment and people, and analysis of the spread of culture elements over time and space. 3:1:0

Prerequisite: Geography 100 or any other Human Geography course or other Social Science alternative with the permission of the instructor.

GEOLOGY (GEOL) COURSES

Students wishing to enrol in any level Geology course will be required either to have completed a first year English university transfer course (with a minimum "C-"), or to have achieved a level 4 (24 to 29 out of 40) on the Language Proficiency Index (L.P.I.).

Geology 110 (3)

INTRODUCTION TO GEOLOGY — LAB SCIENCE

A laboratory science course providing an introduction to physical geology. It includes consideration of the origin and structure of the earth, the nature of rocks and minerals, and related processes, deformation of the earth's crust, seismic activity, georphic processes, and plate tectonics. 3:0:2

Prerequisite: None. (Normally taught only in Fall.)

Geology 210 (3)

INTRODUCTION TO GEOLOGY — LAB SCIENCE

A continuation of Geology 110. A new course is being proposed.

Prerequisite: Geology 110. (Normally taught only in Spring.)

Geology 115 (3) and 215 (3)

INTRODUCTION TO GEOLOGY I AND II — NON-LAB

A Geology course for non-science majors which provides 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 landforms. History of the earth and development of life. 2:2:0

Prerequisite: Geology 115: none.

Prerequisite: Geology 215: 115.

GERMAN (GERM) COURSES

German 115 (3) and German 215 (3)

BEGINNERS' 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. 3:0:1

Prerequisite for German 115: none.

Prerequisite for German 215: German 115 or permission of the department.

German 119 (3) and German 219 (3)

GERMAN LANGUAGE AND LITERATURE

A course consisting of a thorough review of language structure and grammar, plus oral and written German based on the reading of contemporary German authors. 3:0:1

Prerequisite for German 119 and 219: German 215, German 12 or equivalent, or permission of the department. German 119 and 219 can be taken in either order.

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. 3:0:1

Prerequisite for German 329: German 219 or equivalent, or permission of the department.

Prerequisite for German 429: German 329.

GREEK COURSES

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. 3:1:0

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 Roman Languages. 3:1:0

Prerequisite for Greek 115: none.

Prerequisite for Greek 215: Greek 115.

Offered from time to time at the discretion of the department.

HISTORY (HIST) COURSES

History 111 (3)

THE HISTORY OF GREECE

The Bronze Age (Minoan and Mycenaean civilizations); the transition through the so-called 'Dark Ages' to the rise of the city states and the colonization of the Mediterranean; the achievements of the classical period (500-323 B.C.), particularly of the Athenian democracy and empire. No prerequisite. 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. No prerequisite. 3:1:0

NOTE: This course will be offered during the Fall Semester only.

History 114 (3)

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. No prerequisite. 3:1:0

History 115 (3)

MODERN HISTORY (1900 TO 1939)

A study of Europe at the turn of the century; the causes, the events, and aftermath of World War 1; the "Search for Security" and the League of Nations; the Great Depression and the rise of totalitarian states. No prerequisite. 3:1:0

History 116 (3)

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. No prerequisite. 3:1:0

History 117 (3)

B.C. HISTORY

An introduction to methods in historical research within the context of British Columbia history. The course will examine such topics as Indian-European cultural contact, the colonial period, the structure of British Columbia's society and economy, and the province's entry into confederation. No prerequisite. 2:2:0

History 119 (3)

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. No prerequisite. 3:1:0

History 122 (3)

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. No prerequisite. 3:1:0

History 139 (3)

BRITAIN IN THE NINETEENTH CENTURY

Victorian Britain was the first urban industrial nation. This course will examine the way that Victorian society met the challenge of industrialization, focussing on the social, cultural and political changes that took place in Britain during the 19th century. Emphasis will be placed on specific themes such as the changing class relationships, the impact of industrialization on family life, patterns of work and leisure, and urban growth. No prerequisite.

3:1:0

History 149 (3)

BRITAIN IN THE TWENTIETH CENTURY

A study of the dramatic changes in British society and Britain's place in the world from the beginning to the end of the twentieth century, exploring such themes as Britain's central role in WWI and WWII, the loss of Empire, the rise of the Welfare state, and her post-war position as mediator between the United States and Europe. No prerequisite. 3:1:0

History 155 (3)

THE HISTORY OF THE FAMILY IN WESTERN SOCIETY

An introduction to the changing role of the family in Western society from the pre-industrial past to the 20th century. The course will focus on changes in the way the Western family served its members at various stages of their lives from childhood to old age as the family adapted to changes in the state and marketplace. No prerequisite. 4:0:0

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. 3:1:0

Announcements regarding History 195 and 295 offerings will be made in semester schedules.

History 211 (3)

THE HISTORY OF ROME

The growth of Rome: The development of her political institutions, the acquisition of the empire, the collapse of the Republic, the political and social history of the Empire, and the decline and fall. No prerequisite. 4:0:0

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. 4:0:0

Prerequisite: History 113; or permission of the instructor; or both courses may be taken concurrently.

NOTE: This course will be offered in the Spring Semester.

History 214 (3)

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

Prerequisite: History 114; or permission of instructor; or may be taken concurrently.

History 215 (3)

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

Prerequisite: History 115; or permission of instructor; or may be taken concurrently.

History 216 (3)

MODERN CANADA (1867 TO 1967)

The social, political, and economic growth of Canada from sea to sea. No prerequisite. 3:1:0

History 217 (3)

B.C. HISTORY II

A general overview of British Columbia history since 1871 with special attention to the structure of British Columbia's economy, the ethnic make-up of the province, the nature and impact of industrialization, urban development and provincial politics. No prerequisite. 3:1:0

History 219 (3)

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. No prerequisite. 3:1:0

History 222 (3)

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. No prerequisite. 3:1:0

History 330 (3)

FRANCE IN A REVOLUTIONARY AGE: 1760-1848

This course begins with a study of the most pertinent aspects of French history during the last years of the Ancien Régime. Special attention will be given to the social, economic and intellectual origins of the Revolutions of 1789, 1830, and 1848. 3:1:0

Prerequisite: History 214 or permission of the instructor.

History 333 (3)

NINETEENTH CENTURY RUSSIA

A history of Russia from 1812 to 1917, from Napoleon's invasion of Russia in 1812 to Tsar Nicholas II abdication in 1917 - with particular emphasis upon social and intellectual trends and upon the rise of revolutionary movements. 3:1:0

Prerequisite: History 214 or the permission of the instructor.

History 369 (3)

CANADIAN-AMERICAN RELATIONS

A study of integration and conflict, from our historical beginnings to our twentieth century industrialization. The course will examine the influence the United States has had on the development of Canadian Society in the areas of economics, culture, defense and foreign policy. 4:0:0

NOTE: This course will be offered in the Spring Semester.

Prerequisite: History 116 or 216; or permission of the instructor.

The following course may be taught from time to time.

History 161 (3) Selected Issues in Canadian History.

Please see listings under Pacific Rim for further History offerings.

JAPANESE COURSES

Japanese 115 (3) and Japanese 215 (3)

BEGINNER'S COLLEGE JAPANESE I

An introduction to the fundamentals of modern Japanese. Initially, students will learn to read and write the hiragana syllabary followed by the katakana syllabary and approximately 100 to 150 kanji (Chinese characters). Emphasis will be placed on grammar, syntax and aural/oral practice. Upon successful completion of the course students are expected to be able to formulate and understand basic sentences in speech and writing. 3:0:1

Recommended Prerequisite for Japanese 115: a Continuing Education Course in Japanese.

Prerequisite for Japanese 215: Japanese 115.

NOTE: Due to the complicated nature of the grammar and writing system, beginning students should be aware that learning Japanese may require more study hours and a longer time frame than would be normal to master a European language.

Japanese 117 (3) and Japanese 217 (3)

BEGINNERS COLLEGE JAPANESE II

A continuation of the fundamentals of modern Japanese as spoken and

written today. At the end of the course the student will be expected to know approximately 300 kanji (Chinese characters) and to be able to formulate and understand basic sentences in speech and writing. The student is also expected to be able to read most everyday sentences with the use of a dictionary. 3:0:1

Prerequisite for Japanese 117: Japanese 215.
Prerequisite for Japanese 217: Japanese 117.

NOTE: To register in Japanese 117 students with a background in Japanese who have not completed Japanese 115/215 or the equivalent at an approved post-secondary institution will be required to write a placement test.

Arts and Science (Labour Studies)

For Diploma information see page 36.

LABOUR STUDIES COURSES

Labour Studies 125 (3)

LABOUR IN CANADA

An introductory course on the role of labour in Canada. Topics covered include the history of the Labour movement, the development of industrial and public sector unionism, the postwar social contract. Contemporary issues, including women and unions and the impact of competitiveness, will also be examined. No prerequisite. 3:1:0

Labour Studies 135 (3)

WORKING IN B.C.

Management, labour, and government all have an impact on employees' rights in the workplace. This course examines the impact of labour legislation, collective bargaining, human rights (including issues such as sexual harassment and AIDS in the workplace), and health and safety. The focus is mainly on B.C. No prerequisite. 3:1:0

Labour Studies 225 (3)

POLITICAL ECONOMY OF LABOUR

A survey course focusing on the political economy of labour. It will critically examine labour theories of value, labour force stratification, Keynesian economics and the rise of monetarism, issues related to Free Trade, and the transition from Fordism to lean, flexible production systems. No prerequisite. 3:1:0

Labour Studies 235 (3)

COMPARATIVE INDUSTRIAL DEMOCRACY

Topics include Labour process, worker participation in management, forms of industrial democracy, and quality of work life. It will focus on workplace regimes as they have developed in Canada, Sweden, Germany and Japan. No prerequisite. 3:1:0

LATIN COURSES

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 Languages, Religious Studies, Philosophy and Biological Sciences. 3:1:0

Latin 215 — An intermediate course in Latin, with emphasis on reading. 3:1:0

Prerequisite for Latin 115: none.

Prerequisite for Latin 215: Latin 115.

Arts and Science (Latin American Studies)

For Diploma information see page 36.

LATIN AMERICAN STUDIES (LAT AMER) COURSES

Latin American Studies 100 (3)

INTRODUCTION TO LATIN AMERICA

This course will consider the environmental and institutional foundations as well as the developmental processes of Latin America using an interdisciplinary approach. No prerequisite. 3:1:0

Latin American Studies 101 (3)

INTRODUCTION TO LATIN AMERICA CULTURE

This course will consider the developmental processes and cultural dynamics of contemporary Latin America from an interdisciplinary perspective. No prerequisite. 3:1:0

Latin American Studies 106 (0)

LECTURE SERIES

This is a non-credit, non-fee course. It is a one-semester series of lectures on Latin American Studies. A minimum of four lectures and a maximum of 12 will be offered during the semester.

Latin American Studies 203 (3)

HISPANIC/LATIN AMERICAN CIVILIZATION-HISTORY

A broad survey of Latin American history beginning with the European roots and continuing with the conquest, the institutions of the Hispanic empire in America, independence, revolution, and the contemporary era. 4:0:0

Prerequisite: at least one Latin American Studies program course or permission of the instructor.

Latin American Studies 204 (3)

HISPANIC/LATIN AMERICAN CIVILIZATION-LITERATURE

Hispanic civilization and culture through literature, beginning with seventeenth century peninsular Spanish literature and continuing on to twentieth century Hispanic American writing. Texts will illustrate characteristic themes, problems and institutions of the Spanish speaking world. 4:0:0

Prerequisite: at least one Latin American Studies program course or permission of the instructor.

Latin American Studies 221 (6)

EXTERNAL STUDIES PROGRAMS (FIELD SCHOOLS)

These are one-semester interdisciplinary programs, offered from time to time, which include several weeks of travel and study in a Latin American setting. Students will be introduced to Latin America in general and to one or more particular areas more specifically. Exact format will vary with each program. First year college level Spanish or equivalent strongly recommended.

MATHEMATICS (MATH) COURSES

Credit will be given for only one in each of the following sets of courses (or course sequences).

a) Mathematics 153/253, or Mathematics 171, or Mathematics 174
b) Mathematics 271 or Mathematics 274

The standard course sequence for students who need first year Calculus for Science and who attended secondary school in British Columbia depends on the grade in Mathematics 12. Those with a recent:

- "C" normally take Mathematics 152, 153, 253, and 271
- "C+" normally take Mathematics 170, 171, 271
- "B" normally take Mathematics 153, 253, 271
- "A" normally take Mathematics 171 and 271

The standard course sequence for students who need first year Calculus for Business/Commerce and who attended secondary school in British Columbia depends on the grade in Mathematics 12. Those with a recent:

- "C" or "C+" normally take Mathematics 152, 174, 274
- "B" or "A" normally take Mathematics 174 and 274

NOTE: In the above, "recent" generally means the Mathematics 12 course was completed within the last three years.

Prerequisites

Prerequisites for courses in Mathematics are valid for only three years. If you wish to register in a course for which the prerequisite was taken more than three years ago, you will require departmental permission. You may be required to write a diagnostic test or to "upgrade" the prerequisite.

NOTE: Mathematics 115, 116, 118, 119, 120, 121, and 231 have no formal prerequisite; however, experience has shown that success in these courses is unlikely without recent, successful completion of the B.C. Mathematics 10 course, or its equivalent. (Note that some of these courses, particularly Mathematics 118, demand a better background than Mathematics 10 due to the requirements of the Career programs of which they are a part.)

Repeating a Course

A Mathematics course may be taken only twice, regardless of the grade earned in the first enrolment. The department chair, or delegate, will decide on exceptions to this rule, usually on the basis of documented evidence of upgraded prerequisites.

DIAGNOSTIC TESTS

The Mathematics Diagnostic Tests are designed to assess background knowledge of students registering at Langara for the first time and to establish initial placement in our sequence of preparatory and university transfer courses. They should be written only once. The tests include components designed to assess readiness for each of Mathematics 150, 152, 153, 170, 171, and 174 and should normally be written by students wishing to register in any of these courses.

You do not have to write these tests if you have:

- successfully completed a prerequisite Langara Mathematics course with a grade of "C-" or higher
- a recent "A" grade in Mathematics 12 (or equivalent) and want Mathematics 171
- a recent "B" grade in Mathematics 12 (or equivalent) and want Mathematics 153 or 174
- a recent "C+" grade in Mathematics 12 (or equivalent) and want Mathematics 170
- a recent "C" grade in Mathematics 12 (or equivalent) and want Mathematics 152
- a recent "C" grade in Mathematics 11 (or equivalent) and want Mathematics 150

Mathematics 100 (3)

MATHEMATICS SKILL DEVELOPMENT

— Graded S/U (see Page)

A course in the fundamentals of arithmetic and algebra, for those likely to experience difficulty with Mathematics 150 or career mathematics or statistics courses (Mathematics 115, 116, 118, 119, 120, 121, 231 or Statistics 123, 124, 125, 126). Students are individually guided and work at their own pace, with some common class meetings. 2:2:*

NOTE: May not be used as credit towards a Langara certificate or diploma.

*Individual hours arranged with instructor, according to need.

Mathematics 110 (3)

INTRODUCTION TO COMPUTER BUSINESS MATHEMATICS

The main purpose of this course is to introduce students to business mathematics, especially the mathematics of finance, in such a way that they learn to use the electronic spreadsheet effectively. While its major aim is to familiarize students with important financial and other business mathematics concepts, this course makes careful use of computer science principles in teaching the design of spreadsheets. 1:0:3

Prerequisite: Mathematics 11 is recommended.

Mathematics 115 (3)

MATHEMATICS FOR RECREATION FACILITIES MANAGEMENT

Review of basic arithmetic and algebra and their applications to business. Percent and proportion and their application to measurements, simple and compound interest and merchandising. Annuities and economy studies. Insurance, inventories, turnover. Introductory statistics. Computer applications. 3:0:1

Prerequisite: see note under Mathematics courses.

Mathematics 116 (3)

MATHEMATICS FOR GENERAL INSURANCE

Topics include basic review of mathematics and algebra, application of percent, discounts, commission, simple and compound interest, annuities, investments, loans, mortgages, insurance and premiums. An introduction to descriptive statistics and probabilities. Computer applications. 4:0:0

Prerequisite: see note under Mathematics courses.

Mathematics 118 (3)

MATHEMATICS OF FINANCE

An introduction to the mathematics of finance and investment including simple interest and discount, compound interest, simple and general annuities, amortization and sinking funds, depreciation and valuation of investments. Computer applications. 4:0:0

Prerequisite: see note under Mathematics courses.

Mathematics 119 (3)

MATHEMATICS OF BUSINESS AFFAIRS

Basic mathematics of everyday business affairs including simple and compound interest, promissory notes, instalment buying, trade discounts, loans, mortgages, insurance, investments, and elementary statistics. Computer applications. 4:0:0

Prerequisite: see note under Mathematics courses.

Mathematics 120 (3)

MATHEMATICS FOR PROFESSIONAL PHOTOGRAPHY PROGRAM STUDENTS

Review of basics. Logarithms and exponents. Percent and its applications. Simple and compound interest. Annuities and investments. Descriptive statistics. Computer applications. 4:0:0

Prerequisite: see note under Mathematics courses.

Mathematics 121 (3)

MATHEMATICS AND STATISTICS FOR REALTY APPRAISAL

A course designed to provide students in the Realty Appraisal program with a review of basic mathematics and trigonometry, an introduction to business mathematics, annuities, graphs, and descriptive statistics. Course restricted to students in the Realty Appraisal program. Computer applications. 4:0:0

Prerequisite: see note under Mathematics courses.

Mathematics 150 (3)

BASIC AND INTERMEDIATE ALGEBRA

A course in the fundamentals of algebra necessary for further study in all areas of mathematics. Topics include real number concepts, algebraic operations, linear equations and inequalities, exponents and radicals. 3:0:2

Prerequisite: "C" grade or higher in Mathematics 11, or permission of the department (based on the Mathematics diagnostic test). Introductory Mathematics 11 and Mathematics 11A do not provide sufficient preparation for this course.

Mathematics 152 (3)

PRECALCULUS ALGEBRA

A course in the algebra and analytic geometry necessary for a study of the calculus of elementary algebraic functions. Topics include equations and inequalities of the first and second degree, functions and graphs (linear, quadratic, polynomial, rational, and radical) and a brief discussion of exponentials, logarithms and trigonometry. This course is intended to lead into the Mathematics 153/253 sequence (in which the calculus of exponential and trigonometric functions is deferred to the second semester) or to Mathematics 174, but not to Mathematics 171. 4:0:0

Prerequisite: "C" grade or higher in Mathematics 12, or "C-" grade in Mathematics 150, or permission of the department (based on performance in the diagnostic test).

Mathematics 153 (3)

INTRODUCTORY CALCULUS

A course in the fundamentals of differential and integral calculus with their applications, but reviewing many of the basic algebraic and geometric concepts of precalculus mathematics. Topics include algebraic skills, limits, derivatives, curve sketching, optimization, related rates, approximation, antiderivatives and linear motion. 4:0:0

Prerequisite: "B" grade in Mathematics 12, or permission of the department based on the score on the diagnostic test, or completion of Mathematics 152 with a "C+" grade or higher, or Mathematics 170 with a "C-" grade or higher.

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. Some background material of historical, cultural and philosophical interest will be included. Covers basic symbolic logic, set theory, counting methods, probability and statistics. Especially appropriate (usually together with Mathematics 262) for students requiring only one year of college mathematics, and will serve as basic science requirement for liberal arts students. 4:0:0

Prerequisite: "B" grade or higher in Mathematics 11, or Mathematics 150 with a "B-" grade or higher or Mathematics 12 with a "C" grade or higher. Introductory Mathematics 11 and Mathematics 11A do not provide sufficient preparation for this course.

Mathematics 170 (3)

PRECALCULUS MATHEMATICS

A quick review of algebraic functions and their graphs, followed by a substantial amount of work on exponentials and logarithms and on trigonometry and the trigonometric functions. This course is intended to lead into the 'full speed' calculus sequence starting with Mathematics 171. 4:0:0

Prerequisite: "C"+ grade or higher in Mathematics 12, or permission of the department (based on performance in the diagnostic test), or completion of Mathematics 152 with a "C-" grade or higher or Mathematics 150 with an "A" grade or higher.

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 functions), curve sketching, applications of derivatives (optimization, related rates, linear motion, differential approximations), antiderivatives, growth and decay. 4:0:0

Prerequisite: Mathematics 12 with an "A" grade, or permission of department based on score on diagnostic test, or completion of Mathematics 170 with a "C" grade or higher.

Mathematics 174 (3)

CALCULUS I WITH ECONOMIC AND BUSINESS APPLICATIONS

This course deals primarily with differentiation. Topics include: limits (intuitive approach); development and definition of derivatives; rules for differentiation (algebraic, trigonometric, exponential, and logarithmic functions); selected applications of derivatives (concentrating on business examples); introduction to antiderivatives. 4:0:0

Prerequisite: "B" grade or higher in Mathematics 12, or permission of the department based on the score on the diagnostic test, or completion of Mathematics 152 with a "C+" grade or higher or Mathematics 170 with a "C-" grade or higher.

Mathematics 210 (3)

BUSINESS ANALYSIS BY COMPUTER

An introductory course in the solution of mathematical problems encountered in business. Course features include:

- student access to a computer,
- instruction in spreadsheet programming,
- analysis of common business calculations and their computer solution. 2:0:2

Prerequisites: "C" grade or higher in any one of Mathematics 11, Mathematics 115, 116, 118, 119, 120, 121, or 150.

Mathematics 231 (3)

CONCEPTS OF COMPUTER MATHEMATICS

The course background will consist of an introduction to study of numeration systems, Set Theory, Logic, Boolean Algebra, Switching Networks, Linear and non-Linear functions, Systems of Linear operations, Matrix Algebra, applications into Linear Programming. BASIC will be taught to provide necessary practical applications. 4:0:0

Prerequisite: registration in the Computer Information Systems Program, or any one of Mathematics 153, 162, 171, or 174.

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. 4:0:0

Prerequisites: Mathematics 11 with a "C" grade or higher, or Mathematics 150 (may be taken concurrently).

Mathematics 253 (3)

INTRODUCTION TO CALCULUS (CONTINUED)

Study of the concepts introduced in Mathematics 153 as they pertain to transcendental functions. 4:0:0

Prerequisite: Mathematics 153 with a "C-" grade or higher.

Mathematics 262 (3)

FINITE MATHEMATICS II

A sequel to Mathematics 162, covering matrix methods, applications to linear programming and Markov chains, Mathematics of Finance and selected optional topics. The approach will be similar to that of Mathematics 162. 4:0:0

Prerequisite: Mathematics 162 with a "C-" grade or higher.

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, parametric equations, and infinite series. 4:0:0

Prerequisite: Mathematics 253 or Mathematics 171 with a "C-" grade or higher.

Mathematics 274 (3)

CALCULUS II WITH ECONOMIC AND BUSINESS APPLICATIONS

The definite integral; techniques of integration; numerical integration; improper integrals; business applications of integration; multivariable calculus

(partial derivatives, double integrals); introduction to differential equations; probability and calculus; introduction to matrix algebra with business applications. 4:0:0

Prerequisite: Mathematics 171, 174 or 253 with "C-" grade or higher.

Mathematics 310 (3)

QUANTITATIVE METHODS IN BUSINESS

Applications of basic mathematics, calculus, and linear algebra to business administration. Includes linear programming, sensitivity analysis, transportation problems, discounted cash flows, decision analysis. Required of all students in the first year Commerce program. 4:0:0

Prerequisite: Mathematics 171, 174, or 153 with a "C-" grade or higher. (May be taken concurrently with permission of the department.)

Mathematics 311 (3)

BUSINESS APPLICATIONS OF CALCULUS

Introduction to differential and integral calculus and their applications in business. 4:0:0

Prerequisite: Mathematics 262, 171, or 253 with a "C-" grade or higher. (May be taken concurrently with permission of the Department.)

Mathematics 361 (3)

ALGEBRA I

Integers, integral domains, fields, vector spaces, polynomial domains, matrices, Euclidean spaces.4:0:0

Prerequisite: Mathematics 271 with a "C-" grade or higher.

Mathematics 362 (3)

LINEAR ALGEBRA

A review of vector space structure and general solution of linear systems, linear combinations, linear transformations, determinants, eigenvalues and eigenvectors, quadratic forms, inner product spaces. 4:0:0

Prerequisite: Mathematics 271 with a "C-" grade or higher or permission of the department.

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. 4:0:0

Prerequisite: Mathematics 271 with a "C-" grade or higher.

Mathematics 373 (3)

REAL ANALYSIS

An introduction to the theoretical foundations of calculus. Topics include the nature of mathematical proof, properties of real numbers, limits, sequences, series, continuity and differentiation. 4:0:0

Prerequisites: Mathematics 171 with a "B" grade or higher (or consent of the instructor), and Mathematics 271 (may be taken concurrently).

Mathematics 462 (3)

LINEAR ALGEBRA WITH APPLICATION

The least squares method; diagonalizable matrix, 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. 4:0:0

Prerequisites: Mathematics 362 and Mathematics 371 with a "C-" grade or higher (Mathematics 371 may be taken concurrently).

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. 4:0:0

Prerequisite: Mathematics 371 with a "C-" grade or higher.

Mathematics 475 (3)

DIFFERENTIAL EQUATIONS

First order equations, special techniques and applications; second order linear equations - linear independence and completeness, homogeneous and inhomogeneous equations, with applications; Laplace transform techniques; first order systems including matrix methods; phase plane and stability analysis of non-liner systems; numerical methods. 4:0:0

Prerequisites: Mathematics 362 and 371 with a "C-" grade or higher. (With instructor's permission, one of these may be taken concurrently.)

MODERN LANGUAGE COURSES

Modern Language 195 (3) and Modern Language 295 (3)

These numbers are reserved for Modern Language courses that may be offered from time to time.

Announcements regarding Modern Language 195/295 offerings and prerequisites will be in the semester schedule.

Arts and Science (Pacific Rim)

For diploma requirements see page 37.

PACIFIC RIM (PAC RIM) COURSES

Pacific Rim courses are open to all students.

Pacific Rim 105 (0) and Pacific Rim 106 (0)

PACIFIC RIM SEMINAR

Non-credit, non-fee courses consisting of a series of lectures and community-based experiences focusing on Pacific Rim studies and issues. Required for the Pacific Rim diplomas. 0:2:0

Prerequisite: acceptance in the Pacific Rim Program.

Pacific Rim 125 (3)

INTRODUCTION TO EAST ASIA (CHINA)

Geographical, cultural and historical background of China. Ideological, social and political aspects of China's development placed in historical context. No prerequisite. 3:1:0

Pacific Rim 130 (3)

INTRODUCTION TO SOUTHEAST ASIA I

Geographical, cultural and historical background of Southeast Asia. The rich cultural heritage of the region is explored with an emphasis on the A.S.E.A.N. countries. No prerequisite. 3:1:0

Pacific Rim 135 (3)

INTRODUCTION TO EAST ASIA (JAPAN)

Geographical, cultural and historical background of Japan. Ideological, social and political aspects of Japan's development placed in historical context. No prerequisite. 3:1:0

Pacific Rim 140 (3) and Pacific Rim 240 (3)

CROSS-CULTURAL PERSPECTIVES

Comparative analysis of selected cultures and societies. Topics include language and communication, cultural diversity, family and kinship, myth and religion, power and authority, business and social practices, social and economic inequality, technological impact, and conflict and control. 3:1:0

Prerequisite: departmental permission required.

Pacific Rim 195 (3) and Pacific Rim 295 (3)

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

a) college Pacific Rim Program Faculty who may wish to present a course in their specialty; or
b) visiting lecturers from Pacific Rim Countries. 3:1:0

Announcements regarding Pacific Rim 195 and 295 offerings will be made in semester schedules.

Pacific Rim 221 (6) and Pacific Rim 222 (6)

SOCIETAL AND CULTURAL STUDIES I AND II

Supervised projects and studies conducted on an overseas immersion basis in selected countries or areas of the Asia Pacific region. Orientation sessions and evaluation are held at Langara both prior to and upon return from overseas. See EXTERNAL STUDIES PROGRAM. 2:4:6

Pacific Rim 225 (3)

CONTEMPORARY CHINA

China's drive for modernization is explored with reference to the role of the Communist Party, the government and the individual. A survey of domestic policy and international relations. No prerequisite. 3:1:0

Pacific Rim 230 (3)

INTRODUCTION TO SOUTHEAST ASIA II

Geographical, cultural and historical background of Southeast Asia. The rich cultural heritage of the region is explored with an emphasis on the relations between various nation states. No prerequisite. 3:1:0

Pacific Rim 235 (3)

CONTEMPORARY JAPAN

Japan's place in the world is explored with reference to the role of the government, society and the individual. A survey of domestic policy and international relations. No prerequisite. 3:1:0

Arts and Science (Peace and Conflict Studies)

For Diploma requirements see page 37.

PEACE AND CONFLICT STUDIES (PCE/CNFT) COURSES

Peace and Conflict Studies 105 (0)

LECTURE SERIES

This is non-credit, non-fee course. It is a one semester series of lectures on Peace and Conflict Studies topics. A minimum of four lectures and a maximum of 12 will be offered during the semester.

Peace and Conflict Studies 201 (see Political Science 145)

PEACE AND CONFLICT IN THE MODERN WORLD

The history of war; causes and consequences of war; the nuclear threat; the relationship of the arms race to other global problems; arms control and disarmament; Canada's role. No prerequisite. 3:1:0

NOTE: Political Science 145 is one of the core courses of the Peace & Conflict Studies Program.

Peace And Conflict Studies 202 (3)

CONFLICT AND CONFLICT RESOLUTION

An examination of levels of conflict from the interpersonal to the international. The roots and dynamics of conflict; the means and history of conflict resolution; mediation and peacekeeping. 3:1:0

PHILOSOPHY (PHIL) COURSES

Philosophy is the discipline which develops the ability to think clearly, rationally, and courageously about those fundamental questions which lie at the roots of all other disciplines; questions involving the nature of thought, mind, time, infinity, freedom, moral obligation, happiness, truth and falsity; questions asked by those who seek to understand themselves, their society and their world. We welcome students who ask questions of this order. Philosophy 100, 101, 102 and 104 may be taken in any sequence or concurrently.

Philosophy is a heavily language-mediated discipline, and those who have trouble reading and writing English can expect difficulties. Students with an LPI score of less than 24 are discouraged from taking any philosophy course, with the exception of Philosophy 102.

Philosophy 100 (3)

INTRODUCTION TO PHILOSOPHY: (ETHICS, SOCIAL AND POLITICAL PHILOSOPHY)

An introduction to a variety of the classic responses to the question "How should I conduct my life?" Some of the major themes discussed are happiness, moral goodness, rights, obligation, freedom. No prerequisite. 3:1:0

Philosophy 101 (3)

INTRODUCTION TO PHILOSOPHY: (EPISTEMOLOGY AND METAPHYSICS)

The primary questions dealt with are "What is the source and the limit of human knowledge?" and "What is the nature of reality?", and "What is our place in nature?" Some of the major themes discussed are knowing and believing, mind and brain, free will and determinism, truth, existence. No prerequisite. 3:1:0

Philosophy 102 (3)

INTRODUCTION TO LOGIC

This is an introduction to elementary formal logic. Valid and invalid reasoning. Common fallacies, logical connectives "and," "or," "if" ... then." Truth tables. Propositional calculus and predicate calculus. No prerequisite. 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. No prerequisite. 3:1:0

Philosophy 104 (3)

CRITICAL THINKING

An introduction to the principles of practical logic. The goal is to develop our logical awareness to the point where we can no longer be victimized by the rhetoric of everyday life and can present our own arguments with clarity and confidence. Students will be taught through extensive examples how to understand, criticize, and construct arguments. 3:1:0

Prerequisite: English 127 or 128 (or equivalent) with a "C-" grade or higher, or LPI of 30 or above.

Philosophy 105 (3)

BIOMEDICAL ETHICS

A consideration of selected moral problems arising in the health professions: experimentation on humans and animals, euthanasia, death, confidentiality, truth-telling, abortion, and the allocation of scarce medical resources. The aim of the course is to put ourselves in a position to frame rational and informed opinions on these important matters. Classes will be organized to allow for ample discussion; readings will be drawn from medical, legal, and philosophical sources. No background in law, medicine, or philosophy is presupposed. No prerequisite. 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 semester schedules.

Prerequisites will be announced by special bulletin.

Philosophy 201 (3)

EPISTEMOLOGY

A continuation of Philosophy 101 in which some topics treated there will be examined in greater depth, and new ones introduced. We will consider three main questions: (1) What is knowledge? (How does knowing differ from believing? Is there any certain knowledge?); (2) What, if anything, can we know? (Can we know that there is an external world or the sun will rise tomorrow?); (3) How do we know what we do? (By inference or direct apprehension? By our senses, or reason, or what? Does knowledge need foundations? What is the nature of scientific knowledge?) 3:1:0

Prerequisite: Philosophy 100 or Philosophy 101 (or consent of the instructor).

Philosophy 202 (3)

ETHICS

A consideration of such questions as: When can we hold an individual morally responsible for his actions? What is freedom? What are my obligations to my community? From the courses of action open to me, what ought I to do? What is the nature of the good? The course will consider the views of philosophers such as Plato, Aristotle, Hume, Kant, Mill and Sartre. 3:1:0

Prerequisite: Philosophy 100 or Philosophy 101 (or consent of the instructor).

Philosophy 203 (3)

METAPHYSICS

A continuation of Philosophy 101 in which some topics treated there will be examined in greater depth, and new ones introduced. We will be concerned with the nature of human beings and the universe in which we find ourselves. Topics may include the nature of mind (Is the mind the brain, or something irreducibly psychic?), personal identity (What makes us the same person in different times and places?), freedom (Are all our actions fixed by the past?), God (What is meant by

the term, and does it apply to anything?), and immortality (Does everything end with our bodily death, or can we look forward to a future state?) 3:1:0

Prerequisite: Philosophy 100 or Philosophy 101 (or consent of the instructor).

Philosophy 225 (3)

EXISTENTIALISM

We will concern ourselves with the work of the main existentialist philosophers: Kierkegaard, Nietzche, Jaspers, Heidegger, Sartre, de Beauvoir, and Camus. In addition we will discuss the phenomenology of Husserl, which strongly influenced both Heidegger and Sartre. We will be giving special attention to questions having to do with freedom, choice and responsibility. 3:1:0

Prerequisite: Philosophy 100 or Philosophy 101 (or consent of the instructor).

Philosophy 226 (3)

SOCIAL AND POLITICAL PHILOSOPHY

This course investigates the meaning of such concepts as freedom, justice, equality, power, authority and alienation, which lie at the roots of major contemporary ideologies such as liberalism, fascism, communism, socialism and anarchism. 3:1:0

Prerequisite: Philosophy 100 or Philosophy 101 (or consent of the instructor).

Philosophy 227 (3)

PHILOSOPHY OF EDUCATION

In this course students are encouraged to consider the relationship between theories of epistemology, ethics and politics, and various views of the appropriate ways of treating children in order to assist them in becoming good citizens and fully developed individuals. The course will also compare the views of various philosophers on the subject of education. 3:1:0

Prerequisite: Philosophy 100 or Philosophy 101 (or consent of the instructor).

Philosophy 331 (3)

ISSUES IN BIOMEDICAL ETHICS

An investigation into the various ethical problems and concerns that arise in the professional medical context. Issues such as the nature of the physician-patient relationship, informed consent and right to know, fetal experiments and human experiments in general, euthanasia, insanity-treatment, right to treatment, etc. will be discussed. The aim of this course is not to give definitive solutions but to inculcate an awareness and understanding of the nature of the problems involved. 4:0:0

Prerequisite: year 1 Nursing or permission of the instructor.

PHYSICS (PHYS) COURSES

Prerequisites

Prerequisites for courses in Physics are valid for only three years. If you wish to register in a course for which the prerequisite was taken more than three years ago, you will require departmental permission. You may be required to write a diagnostic test or to "upgrade" the prerequisite.

Repeating a Course

A Physics course may be taken only twice, regardless of the grade earned in the first enrolment. The department chair, or delegate, will decide on exceptions to this rule, usually on the basis of documented evidence of upgraded prerequisites.

NOT ALL COURSES ARE OFFERED EVERY SEMESTER.

Physics 109 (3)

PHYSICS FOR RECREATIONAL FACILITIES OPERATORS

This is an introductory course in general Physics. The course covers selected topics from mechanics, heat, sound, optics and electricity. The content of the course and the examples discussed will be chosen so as to provide a working knowledge of the basic principles of Physics as applied to Recreational Facilities. 3:1:2

NOTE: Restricted to students registered in the Recreation Facilities Management Program.

Prerequisite: Mathematics 11 with a "C" grade or higher, or Mathematics 150.

Physics 114 (3)

INTRODUCTORY PHYSICS

A general course in physics for students who have had no previous physics background. The course covers mechanics, heat, sound, optics and electricity at the introductory level in the classroom and in the laboratory. 3:1:2

Prerequisite: Mathematics 11 with "C" grade or higher or Mathematics 150.

Physics 115 (3)

MECHANICS

An introduction to elementary mechanics. The course examines kinematics, dynamics, statics, energy, heat, and sound in the classroom and laboratory. 4:0:2

Prerequisites: Physics 11 with "C" grade or higher; Mathematics 152.

Physics 125 (3)

MECHANICS AND HEAT

This is a calculus-based introduction to mechanics. The course examines kinematics (one and two dimensions), dynamics, statics, energy, rotation, oscillations, fluids, gas, heat, thermodynamics in lectures and laboratories. Students planning to go into physical and applied sciences are encouraged to take this course and its second part, Physics 225. 4:0:2

Prerequisites: Physics 12 with "B" grade or higher or permission of the department (based on substantial Physics background), and Mathematics 12 or Mathematics 171 preferred or Mathematics 153 (either of which may be taken concurrently).

Physics 215 (3)

ELECTRICITY AND LIGHT

An introduction to light and electrical phenomena. The course examines the behaviour of light and of electric charges in classroom and laboratory. 4:0:2

Prerequisite: Physics 115 with a "C" grade or higher.

Physics 219 (3)

ENGINEERING MECHANICS

This course is designed for (although not restricted to) students in the University Transfer Engineering Program. Topics include statics of particles, equilibrium of rigid bodies, rigid body statics and internal forces; kinematics: rectilinear motion; dynamics: Newton's 2nd law, friction, impulse, momentum, work, and energy. Emphasis is placed throughout on the analysis of practical mechanics problems using freebody diagram techniques. 4:2:0

Prerequisites: Physics 115 with a "C+" grade or higher, or Physics 125 with a "C" grade or higher; and Mathematics 153.

Physics 225 (3)

ELECTRICITY AND WAVES

This is a calculus based introduction to electricity. The course examines electrostatics, electric field, electric current, circuits, magnetic field, electromagnetic induction, oscillations, alternating current, waves, sound, optics, interference and diffraction. 4:0:2

Prerequisites: Physics 125 with "C" grade or higher; and Mathematics 271 preferred or Mathematics 253 (either of which may be taken concurrently).

Physics 323 (3)

NEWTONIAN MECHANICS

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, rigid body motion. 3:1:0

Prerequisites: Physics 215 or Physics 225 and Mathematics 371 (which may be taken concurrently).

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. Helmholz's free energy, Gibb's free energy, specific heats, phase transitions, Brillouin function. (Fall Semester.) 3:1:0

Prerequisites: Physics 215 or Physics 225 and Mathematics 371 (which may be taken concurrently).

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 Semester.) This course is primarily for students taking Physics 323 and/or Physics 325 who wish a complete program. 0:0:3

Prerequisites: Physics 225 or 215 and Mathematics 271 or 274.

Physics 328 (2)

DATA ACQUISITION AND ANALYSIS

Basic measurements, direct and indirect comparison with standards, analog and digital readouts, inputs, and conversion, transducers, interfaces, computer hardware software, spreadsheets, curve fitting, estimation of parameters. 2:0:0

Prerequisites: Physics 225 or 215 and Mathematics 271 or 274.

NOTE: This course is designed so that Physics 327 plus Physics 328 articulate with UBC's Physics 211.

Physics 424 (3)

MODERN PHYSICS

Special relativity, Origins of quantum theory, introductory quantum mechanics, atoms and molecules, solid state, nuclear and particle physics, astrophysics and cosmology. 3:1:0

Prerequisites: Physics 215 or 225 and either Mathematics 471 or Mathematics 475 (Mathematics course may be taken concurrently).

Physics 425 (3)

ELECTRICITY AND A-C CIRCUIT THEORY

Charge, current, current density, resistivity, E, B, flux, electromagnetic induction, inductive reactance, capacitative reactance, complex form of Ohm's law, impedance, admittance, networks, filters, transmission lines. 3:1:0

Prerequisites: Physics 225 or 215 and either Mathematics 471 or Mathematics 475 (either of which may be taken concurrently).

Physics 427 (1)

EXPERIMENTAL PHYSICS II

An examination in the laboratory of electric fields and alternating current circuits. (Spring Semester.) This course is primarily for students taking Physics 423 and/or 425 who wish a complete program. 0:0:3

Prerequisites: Physics 225 or 215; and Mathematics 271 or 274.

POLITICAL SCIENCE (POL SC) COURSES

Political Science 100 (3)

INTRODUCTION TO GOVERNMENT POLITICS

A comprehensive introduction to the study of government and politics. The course will examine the major concepts, methods, approaches and issues in Political Science, as well as the primary component of government structure and the political process. 2:2:0

NOTE: This course is a prerequisite for all subsequent Political Science courses at Simon Fraser University.

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. No prerequisite. 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. No prerequisite. 3:1:0

Political Science 129 (3)

INTRODUCTION TO URBAN POLITICS

A general introduction to Canadian local politics and government, with specific focus on Vancouver and the British Columbia case. Topics will include electoral systems, party politics, local pressure groups, the role of bureaucracy, regional government and the relationship of cities to provincial and federal administrations. No prerequisite. 3:1:0

Political Science 140 (3)

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. No prerequisite. 3:1:0

Political Science 145 (3) (Peace And Conflict Studies 201)

PEACE AND CONFLICT IN THE MODERN WORLD

The history of war; causes and consequences of war; the nuclear threat; the relationship of the arms race to other global problems; arms control and disarmament; Canada's role. 3:1:0

NOTE: Political Science 145 is one of the core courses of the Peace & Conflict Studies Program.

Political Science 150 (3)

POLITICS OF THE DEVELOPED NATIONS

A comparative analysis of some foreign governments, e.g. Britain, the U.S.A., the U.S.S.R., France, Japan, or West Germany. Countries covered vary from semester to semester and instructor to instructor. No prerequisite. 3:1:0

Political Science 160 (3)

CONTEMPORARY IDEOLOGIES

An examination of major political ideologies of the 19th and 20th Centuries, including conservatism, liberalism, socialism, communism, and fascism. No prerequisite. 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:

a) College Political Science Faculty who may wish to present a course in their specialty which may be of limited interest; or
b) Visiting Political Science Lecturers. 3:1:0

Announcements regarding Political Science 195 and 295 offerings will be made in semester schedules.

Prerequisites will be announced by special bulletin.

Political Science 209 (3)

CANADIAN PUBLIC POLICY

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. 2:2:0

Prerequisite: Political Science 100 or 119 or permission of instructor.

Political Science 219 (3)

PUBLIC ADMINISTRATION IN CANADA

A study of the administration of government 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. 2:2:0

Prerequisite: Political Science 100 or 119 or permission of the instructor.

Political Science 239 (3)

TOPICS IN CANADIAN POLITICS

This course will be offered from time to time. It will feature topics of current interest in Canadian Politics. 3:1:0

Prerequisite: Political Science 119.

Political Science 240 (3)

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. No prerequisite. 3:1:0

Political Science 250 (3)

POLITICS IN THE DEVELOPING NATIONS

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). "Countries" vary from semester to semester and instructor to instructor. No prerequisite. 3:1:0

Please see listings under Pacific Rim for further Political Science offerings.

PSYCHOLOGY (PSYCH) COURSES

NOTE: Students intending to major in Psychology at a university are advised to take Psychology 320 and Psychology 331 or 341 in addition to Psychology 115 and 215.

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, physiology, and the properties of language, thinking and states of awareness, will be selected at the discretion of the instructor. No prerequisite. 3:1:0

NOTE: In the Fall Semester, Psychology 115 will also be offered by cassette correspondence. See semester supplement for details.

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. No prerequisite. 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:

a) College Psychology Faculty who may wish to present a course in their specialty which may be of limited interest; or,
b) Visiting Psychology Lecturers. 3:1:0

Announcements regarding Psychology 195 and 295 offerings will be made in semester schedules.

Prerequisites will be announced by special bulletin.

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 spring semester, Psychology 215 will also be offered by cassette correspondence. See semester supplement for details.

Psychology 218 (3)

EARLY CHILD DEVELOPMENT II

This course looks at various aspects of early child development, such as cognitive 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. No transfer credit. Offered in the spring semester only. 3:1:0

Psychology 317 (3)

APPLIED PSYCHOLOGY

The issues to be addressed will include two core topics (Group Processes and Intergroup Relations) and a subset of the following topics chosen on the basis of student career objectives and/or interests: Health, Expectancy Effects, Law, Public Opinion and Social Action, and Consumer Behaviour. Emphasis will be placed on having students gain an appreciation of how psychology is making valuable contributions to understanding the phenomena associated with these areas of social behaviour through lecture presentations and their own small group activities. 3:1:0

Prerequisites: Psychology 115/215 or permission of instructor. Prerequisites waived for students enrolled in career programs.

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. Offered in the summer semester only. 3:1:0

Prerequisites: Psychology 115 and 215.

Psychology 319 (3)

THE PSYCHOLOGY OF MARRIAGE AND THE FAMILY

Emphasizing the experience of the individual within intimate relationships, this course examines the various processes which inevitably affect families. Beginning with theories of attraction, students proceed to discussion of issues related to the development of a sense of compatibility, closeness and commitment, definitions and types of marriage and family, a systems view of family life, communication, power and responses to stress. The final unit of the course addresses the central concerns of divorce, single parenting and the formation of blended families. 4:0:0

Prerequisites: Psychology 115 and 215 recommended.

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. Not offered in the summer semester. 4:0:0

Prerequisites: Psychology 115 and 215.

Psychology 322 (3)

SOCIAL PSYCHOLOGY

An examination of the effects of social influences on individual behaviour. Includes the study of attitudes, social standards, conformity, leadership, prejudice, aggression, and other social factors. 3:1:0

Prerequisites: Psychology 115 and 215.

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. 3:1:0

Prerequisites: Psychology 115 and 215 or permission of the department.

Psychology 324 (3)

DEVELOPMENTAL PSYCHOLOGY (EARLY CHILDHOOD)

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. Offered in the fall semester only. 3:1:0

Prerequisites: Psychology 115 and 215 or permission of the department.

Psychology 326 (3)

PSYCHOLOGICAL DISORDERS

A review of the concept of disorder as used in Psychology and other clinical professions. The mental and behavioral features of various disorders are examined from a broad range of theoretical perspectives. Research on causes of disordered behaviour is discussed and evaluated. 3:1:0

Prerequisites: Psychology 115 and 215.

Psychology 331 (3)

BIOPSYCHOLOGY

This course will deal with the basic findings and problems of research in the following core areas of Psychology — biological psychology, sensation, and perception, learning, motivation. It will emphasize content but it will also provide an opportunity to engage in laboratory research. 3:0:1

Prerequisites: Psychology 115 and 215.

Psychology 341 (3)

COGNITIVE PSYCHOLOGY

This course will deal with the basic findings and problems of research in the following core areas of Psychology — human memory and attention, language, thinking. It will emphasize content but it will also provide an opportunity to engage in laboratory research. 3:0:1

Prerequisites: Psychology 115 and 215.

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. Offered in the spring semester. 3:1:0

Prerequisite: Psychology 115 and 215.

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. Offered in the spring semester. 3:1:0

Prerequisites: Psychology 115 and 215 (or the equivalent).

Psychology 426 (3)

PSYCHOTHERAPY

An introduction to therapy for mentally distressed and behaviorally disordered persons of various ages. Numerous therapeutic approaches will be examined: Psychodynamics, Humanistic, Behavioral, Cognitive. Both individual and group methods will be discussed in relation to wide social issues. This course is not designed to teach how to use therapeutic techniques. 3:1:0

Prerequisites: Psychology 115 and 215.

READING SKILL AND WRITING (READ SK) COURSES

Reading and Writing Skill Development 100 (3)

Instruction and practice in the reading and writing of essays. The emphasis is on exposition, both informative and persuasive prose from various disciplines. 3:1:0

Prerequisite: LPI Essay score of 24/40.

NOTE: This course has regular grading and carries college credit, but not university transfer credit.

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. No prerequisite. 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. No prerequisite. 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. Special focus is given to Jesus the Jew and to the problem of anti-Semitism in the early church. No prerequisite. 3:1:0

SCIENCE COURSES

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 semester 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 semester schedule.

Prerequisites will be announced by special bulletin.

SOCIOLOGY (SOCIOL) COURSES

Sociology 120 and 121 may be taken in either order, or concurrently; however, it is highly recommended that students take Sociology 120 prior to Sociology 121.

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 all sociological study, with an emphasis on core models and concepts associated with the major sociological perspectives. No prerequisite. 3:1:0

Sociology 121 (3)

INTRODUCTION TO SOCIOLOGY

An introduction to Sociology that develops topics and themes introduced in Sociology 120. Analyses of selected topics concerning the institutions and processes of Canadian Society. No prerequisite. 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. No prerequisite. 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 semester schedules.

Prerequisites will be announced by special bulletin.

Sociology 200 (3)

AN INTRODUCTION TO MODERN SOCIOLOGICAL THOUGHT

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; it 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. 3:1:0

Prerequisites: Sociology 120, and either Sociology 121 or Anthropology 120.

Sociology 205 (3)

SOCIOLOGY OF DEVIANCE

An examination of sociological theories of deviance, focusing on contemporary issues such as crime, juvenile delinquency, drug addiction, vandalism, the abuse of persons, prostitution, and mental illness. The institutional and informal systems of social control will be examined. May not be offered every semester. 3:1:0

Prerequisites: Sociology 120, and either Sociology 121 or Anthropology 120.

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. 3:1:0

Prerequisites: Sociology 120, and either Sociology 121 or Anthropology 120.

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 the summer semester. 3:1:0

Prerequisites: Sociology 120, and either Sociology 121 or Anthropology 120.

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. 3:1:0

Prerequisites: Sociology 120, and either Sociology 121 or Anthropology 120.

SPANISH (SPAN) COURSES

Spanish 115 (3) and Spanish 215 (3)

BEGINNERS' 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. 3:0:1

Prerequisite for Spanish 115: none.
Prerequisite for Spanish 215: Spanish 115.

Spanish 118 (3) and Spanish 218 (3)

INTERMEDIATE SPANISH

Grammar, composition, translation, oral practise, and readings in Spanish for students who have completed Grade 11 Spanish in secondary school or Spanish 215 with at least a "C" or "C-" standing. 3:0:1

Prerequisite for Spanish 118: Spanish 11 or Spanish 215.
Prerequisite for Spanish 218: Spanish 118.

Spanish 119 (3) and Spanish 219 (3)

SPANISH LANGUAGE AND LITERATURE

Oral and written practise including grammar review and composition; the reading of selected contemporary authors in the Spanish language. 3:0:1

Prerequisite for Spanish 119: grade 12 Spanish with a "C+" grade or higher, or Spanish 215 or 218 with a "C+" grade or higher.

Prerequisite for Spanish 219: Spanish 119.

Spanish 301 (3) and Spanish 401 (3)

CONVERSATION, COMPOSITION, AND READING

An intermediate course including conversation, composition, translation, and reading in the Spanish language. These courses may be taken concurrently with Spanish 119/219. 4:0:0

Prerequisite for Spanish 301: Spanish 12 with a "B" grade or higher or Spanish 215 or equivalent or permission of the Department.

Prerequisite for Spanish 401: Spanish 301.

STATISTICS (STATS) COURSES

Students may obtain college credit for at most one of Statistics 123, 124, 125, 126, 181.

Students wishing to enter Business/Commerce programs at the University of British Columbia or Simon Fraser University are strongly advised to take the Statistics 181 and 225 sequence for their Statistics requirement.

Prerequisites

Prerequisites for courses in Statistics are valid for only three years. If you wish to register in a course for which the prerequisite was taken more than three years ago, you will require departmental permission. You may be required to write a diagnostic test or to "upgrade" the prerequisite.

Repeating a Course

A Statistics course may be taken only twice, regardless of the grade earned in the first enrolment. The department chair, or delegate, will decide on exceptions to this rule, usually on the basis of documented evidence of upgraded prerequisites.

Statistics 123 (3)

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; index numbers; time-series; decision theory. 3:0:1

Prerequisite: none, but a grade of "C" or higher in Mathematics 11 (or equivalent) is strongly recommended.

Statistics 124 (3)

STATISTICAL METHODS I

A first course in statistics, developed through the concept of randomness, for students in social sciences, nursing, social work, business, etc. Topics will include experimental design, levels of measurement, descriptive statistics, regression, sampling distributions, normal distribution, estimation, hypothesis testing. THIS COURSE MAY BE FOLLOWED BY STATISTICS 224. 3:0:1

Prerequisite: "C" grade or higher in Mathematics 11 (or equivalent) or "C-" grade or higher in Mathematics 150 (Mathematics 11A or Introductory Mathematics 11 are not acceptable as prerequisites).

Statistics 125 (3)

INTRODUCTORY STATISTICS WITH MICROCOMPUTER APPLICATIONS

Introduction to probability and statistics, using a spreadsheet package to facilitate calculations, graphing and presentation of data. Topics include sampling, description of univariate data, regression, correlation, cross tabulations, probability distributions, and introduction to inference. 4:0:1

Prerequisite: "C" grade or higher in Mathematics 11, Mathematics 11A, or Introductory Mathematics 11 (or equivalent), or "C-" grade or higher in Mathematics 150. Registration in Computer Information Systems Program OR permission of the Mathematics Department.

Statistics 126 (3)

INTRODUCTORY STATISTICS FOR MARKETING

A first course in Statistics, designed for students in the Marketing and Sales program. The course includes a class project involving the collection, presentation and analysis of data from a marketing problem. Topics covered in this course include sampling, descriptive statistics, regression, correlation, contingency tables, estimation, hypothesis testing. 3:0:1

Prerequisites: Mathematics 11 with a "C" grade or higher and registration in the Marketing and Sales program (or the permission of the Statistics Co-ordinator).

Statistics 181 (3)

DESCRIPTIVE AND ELEMENTARY INFERENTIAL STATISTICS

A first course in probability and statistics including: introduction to probability, descriptive statistics, sampling distributions, estimation, hypothesis testing. THIS COURSE MAY BE FOLLOWED BY STATISTICS 225 OR STATISTICS 281. 3:0:1

Prerequisite: Mathematics 153, 171 or 174 with a "C-" grade or higher or equivalent (may be taken concurrently with permission of the department).

Statistics 224 (3)

STATISTICAL METHODS II

A continuation of Statistics 124. Emphasis on methods and assumptions. Topics will include elementary probability, review of estimation and hypothesis testing, Chi-square test, analysis of variance, linear regression and correlation, multiple regression, non-parametric tests. Design and data analysis, with use of computer packages. 3:0:1

Prerequisite: Statistics 124 or 181 with a "C-" grade or higher.

Statistics 225 (3)

INTERMEDIATE STATISTICAL INFERENCE

A continuation of Statistics 181 for students who want a deeper treatment of the techniques and theory of data analysis. A brief review of probability and elementary inference will be followed by two-sample inferences, regression and correlation, multiple regression, design considerations, analysis of variance, and non-parametric tests. 3:0:1

Prerequisite: Statistics 181, or Statistics 124 with an "A" grade or higher.

Statistics 281 (3)

PROBABILITY AND ELEMENTARY MATHEMATICAL STATISTICS

Probability, conditional probability, random variables, moments and moment generating functions, discrete distributions including the binomial, hypergeometric

and Poisson distributions, continuous distributions including the exponential, uniform, Chi-square and normal distributions, central limit theorem, applications to statistics including sampling, estimation, and hypotheses testing. 4:0:0

Prerequisite: Mathematics 271 or equivalent. (If you have not yet completed Statistics 124, 181, or 290 you should take 181 or 290 concurrently.)

Statistics 290 (3)

ELEMENTARY STATISTICS FOR APPLICATIONS

An introduction to probability and statistics. Topics include descriptive statistics, probability, estimation and hypothesis testing, experimental designs, analysis of variance and non-parametric statistics. 3:0:1

Prerequisite: Mathematics 271 (may be taken concurrently) or the equivalent.

Arts and Science (Women's Studies)

For Diploma information see page 38.

WOMEN'S STUDIES (WOMEN ST) COURSES

Women's Studies 105 (0)

This is a non-credit, non-fee course consisting of a series of lectures and/or films on women's issues. A minimum of four lectures will be offered during the semester. Requirement for the Diploma in Arts and Science (Women's Studies).

Women's Studies 116 (3)

PERSPECTIVES ON WOMEN

An introductory study of women's experience from the perspectives of more than one of the following disciplines: sociology, psychology, communications, history and literature. Usually offered in the spring semester. A university transfer course. No prerequisite. 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 special interest course in their field of expertise; or

b) Visiting Women's Studies Lecturers.

Announcement regarding Women's Studies 195 offerings will be made in semester schedules. Prerequisites will be announced by special bulletin.

Women's Studies 216 (3)

FURTHER PERSPECTIVES ON WOMEN

An introductory study of women's experience covering different issues than those included in Women's Studies 116. Perspectives will be drawn from more than one of the following disciplines: sociology, psychology, communications, history and literature. Usually offered in the fall semester. A university transfer course. No prerequisite. 3:1:0

NOTE: Women's Studies 116 and 216 can be taken in any order.

Women's Studies 272 (3)

WOMEN AND SOCIAL CHANGE

This interdisciplinary course will focus on feminist theories and strategies for creating social change, concentrating on women's movements in Canada within an international context. A university transfer course. 3:0:0

Prerequisites: Women's Studies 116 or 216 (preferably both).

Women's Studies 274 (3)

WOMEN AND SEXUALITY

This course will blend perspectives from several disciplines to examine the social forces and ideologies that have prescribed women's sexuality, and will analyze significant contemporary issues that have an impact on women's sexuality. A university transfer course. 3:0:0

Prerequisites: Women's Studies 116 or 216 (preferably both).

Women's Studies 321 (3)

PROFESSIONAL GROWTH IV: EMPOWERMENT

This course will provide for exploration of the sociological, political and cultural issues that impact on the empowerment of women. Participants will focus on these issues as they apply to the discipline of nursing. 4:0:0

Prerequisite: year 2 Nursing or permission of the instructor.

FINANCIAL AID

SOURCES

1. B.C. Student Assistance Program
2. Out of Province Student Loan Programs
3. Work Study Program
4. Part Time Student Assistance Program (P.T.S.A.P.)
5. Bursaries

GENERAL INFORMATION

The Financial Aid Office administers a variety of assistance programs. Personnel in the Financial Aid Office are available to assist students in completing various forms relating to financial assistance. Help in budgeting and advise on general financial planning is also available. Students who find themselves in a financial dilemma or emergency situation should visit the Financial Aid Office. The College does not assume responsibility for the financial problems of the student body, however the Financial Aid personnel are often able to assist students in finding a solution to their difficulties. A brief description of programs available to Langara students follows. If more information is required please speak to the receptionist in Counselling to make arrangements to see a Financial Aid Counsellor.

1. B.C. STUDENT ASSISTANCE PROGRAM (B.C.S.A.P.)

(a) Purpose of Program

This program provides assistance in the form of Canada Student Loans, or a combination of Canada Student Loan and B.C. Student Loan, or Canada Student Loan and Equalization Fund. The amount and type of assistance awarded will be based on an assessed need as determined by the Provincial Authority. Students intending to apply for B.C. Student Assistance should be aware that it will take approximately twelve (12) weeks to process a student loan application. Students are reminded that this is an assistance program that is aimed at assisting, not replacing, your own financial resources. **You will be expected to pay your tuition fees from your own resources at the time of registration.**

(b) How to Apply

All prospective Langara students who live in the Greater Vancouver, Lower Mainland area and are planning to apply for B.C.S.A.P. are expected to attend a student loan workshop. Each educational institution will be processing student loans in a different way and it is important to know the procedures at your institution. If you live or are working outside the lower mainland you should mail your B.C.S.A.P. application to the Financial Aid Office at Langara. Information regarding times and places for workshops are available in applications picked up or mailed from Langara.

2. OUT OF PROVINCE STUDENT LOAN PROGRAM

Student loan applications from all provinces as well as the Yukon and the North West Territories are available in the Financial Aid Office.

3. WORK STUDY PROGRAM

Work Study is an on-campus part-time employment program (for B.C. student loan applicants only) through which eligible students may supplement their loan funding. Applications are available at the beginning of each semester from the receptionist in Counselling or from the Financial Aid Office.

4. PART-TIME STUDENT ASSISTANCE PROGRAM (P.T.S.A.P.)

This is a provincially funded program which offers grant monies for direct educational costs. The successful applicant must be taking 40% of a full course load or less. They must prove financial need and be prevented from studying full-time due to health (physically challenged), or because they must care for children (single parents). Applications are available at the reception desk in Counselling.

5. BURSARY

A bursary is a non-repayable award which is based on financial need and satisfactory academic standing. Due to the extreme shortage of bursary funding, only students in exceptional financial dilemmas are considered for bursary funding. Applications are available throughout the year at the reception desk in Counselling. Description of bursaries offered at Langara follow.

BURSARY DESCRIPTIONS

ALPHA PROVINCE OF DELTA KAPPA GAMMA SOCIETY provides bursaries for needy and deserving female students registered at V.C.C. Langara.

ALUMNI ASSOCIATION OF V.C.C. LANGARA offers bursaries to needy and deserving students registered at V.C.C. Langara.

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.

THE CREDIT UNION FOUNDATION OF BRITISH COLUMBIA BURSARY.

The Credit Union Foundation of British Columbia annually donates bursary money for students at V.C.C., Langara Campus. The applicant must be a needy Canadian citizen who is a B.C. resident. The applicant must be enrolled in a minimum of nine credit hours.

DINA CADLICK BURSARY is offered to female students who are actively seeking training in the field of Early Childhood Education.

D.J. HUNDEN BURSARY. A bursary of $100.00 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.

THE DON MCRAE BURSARY — is to be awarded on an annual basis to a student who demonstrates a genuine concern for people while pursuing a course of studies in the Humanities and Social Sciences field. This bursary was initiated on the occasion of Mr. McRae's retirement, December 31, 1982, by members of the Humanities and Social Sciences Division at Langara Campus.

EDUCATIONAL FOUNDATION OF V.C.C. provides bursaries for needy and deserving students registered at V.C.C. Langara.

THE FACULTY ASSOCIATION OF V.C.C., LANGARA CAMPUS, provides a limited number of bursaries to deserving students with demonstrated financial need.

FOOD SERVICE BURSARY - The Pacific Unit Food Services Supervisor/Techincian Association offer two $100.00 bursaries to students who have completed one or more terms in The Food Services Technician Program.

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.

THE LANGARA PRINCIPALS' TRUST FUND BURSARY. These bursaries are available to students in any program and may be applied for in any semester/term.

THE MAURICE RICHARDSON MEMORIAL BURSARY is offered annually to a student who has completed one or more terms of The Business Finance and Investment Management Program. Apply during the Spring Semester/Term.

PACIFIC UNIT FOOD SERVICE SUPERVISORS' ASSOCIATION offers two bursaries of $100.00 each to students in the second year of the Food Services Supervisor/Technician Program.

P.E.O. SISTERHOOD offers bursaries to female students who demonstrate financial need.

SAM NELSON MEMORIAL BURSARY. Bursaries in varying amounts are available to First Nation students enrolled in any program at V.C.C. Langara Campus. Students must have completed at least one semester of studies at Langara.

THE SIMONS FOUNDATION offers bursaries to needy and deserving students registered at V.C.C. Langara.

SOCIAL SERVICES EMPLOYEES UNION LOCAL #3 MEMORIAL BURSARY. Established to assist students enrolled in community services programs. Eligibility will be based on demonstrated financial need and satisfactory academic achievement.

THE THOMAS BROOKS MEMORIAL BURSARIES. Bursaries to a total of $500.00 gift of the Vancouver Reciprocity Council of the P.E.O. Sisterhood, are available annually to full-time students attending V.C.C., Langara Campus. The awards will be made to students with good scholastic standing who are in need of financial assistance.

THE UNIVERSITY WOMEN'S CLUB OF VANCOUVER offers bursaries to deserving female students registered at V.C.C. Langara.

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.

THE VANCOUVER COMMUNITY COLLEGE EDUCATIONAL FOUNDATION - offers bursaries to students in any program. Apply in any semester.

THE VANCOUVER MUNICIPAL AND REGIONAL EMPLOYEE'S UNION. Two bursaries are 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.

VERSA SERVICES LIMITED offers bursaries for students in the Food Services Supervisor/Technician program. The successful applicant must demonstrate financial need and maintain a C+ G.P.A.

AWARD DESCRIPTIONS

SCHOLARSHIPS

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. Scholarship applications should be submitted during the first month of the semester in which they will be awarded, unless otherwise specified.

In order that the competition be as equitable as possible, to be eligible, an applicant must meet the following conditions in addition to satisfying the donor requirements:

1. Completion of at least 12 credit hours in one of the last two semesters of attendance, but preference will be given to those who have completed 15 credit hours in one of the last two semesters of attendance.
2. Enrolment in at least 12 credit hours in the semester that a scholarship application is submitted, but preference will be given to those enrolled in 15 credit hours in the semester that a scholarship application is submitted.

The following listing of scholarships includes three types:

Entrance Scholarships: available to students entering Langara into a full program of studies.

General Scholarships: available to full-time Langara students or graduates who submit a completed application.

Direct Scholarships: available to full-time Langara students who receive the recommendation of program faculty because they meet the specific scholarship criteria.

A BROCHURE DESCRIBING THE SCHOLARSHIPS, INCLUDING ALL RELEVANT CRITERIA, IS AVAILABLE FROM THE RECEPTIONIST IN THE COUNSELLING AREA.

A. ENTRANCE SCHOLARSHIPS

A.A. HEAPS SCHOLARSHIP is available to students undertaking full-time studies at a Canadian college. The students must be Canadian or landed immigrants of any age who, through their work or involvement in the commnunity have demonstrated maturity and a commitment to the social ideals which characterized the life of A.A. Heaps.

BERNARD G. ROBINSON SCHOLARSHIP is provided by the Ministry of Attorney General, Corrections Branch, to a student entering the Criminal Justice Program.

B.C. GOVERNMENT EMPLOYEES UNION SCHOLARSHIP is available to students who are entering Langara as full-time students and who are related to BCGEU members.

BRITISH COLUMBIA FORREST PRODUCTS LIMITED ENTRANCE SCHOLARSHIP offered annually to a legal dependent of an employee of the company, who by June 30th of the year in which the awards are made, has or will have served with the company for at least one year.

CANADA SCHOLARSHIP PROGRAM provided by the federal government, awards over 2500 scholarships annually to students entering undergraduate studies in selected natural sciences, engineering and related disciplines.

DUNCAN MCCALLUM ATHLETIC SCHOLARSHIP is offered annually to recognize athletic achievement and scholastic standing of Vancouver Community College athletic team members and/or entering students.

B. GENERAL SCHOLARSHIPS

BRITISH COLUMBIA ASIA PACIFIC STUDENT'S AWARD is available to outstanding post-secondary students to permit attendance in formal and rigorous programs of educational study in the Asia Pacific region. The awards are administered through the British Columbia Centre for International Education and adjudicated by a committee representing the British Columbia public post-secondary system.

THE BRITISH COLUMBIA TELEPHONE COMPANY offers two awards to students who have completed at least one academic year of study, in any program, every third year to Langara students.

BLISS MURRAY SCHOLARSHIP is an annual award provided by the Vancouver Community College Alumni Association.

BRITISH COLUMBIA LIBRARY ASSOCIATION offers an annual scholarship to the Library Technician student who has completed the first year of the program with the highest grade point average in the program courses and who is registered in the third smester/term of the program.

THE CERTIFIED GENERAL ACCOUNTANTS' ASSOCIATION OF BRITISH COLUMBIA — CONTINUING EDUCATION SCHOLARSHIP annually offers two awards equivalent in value to the student's first year tuition in the C.G.A. program.

DUTHIE AWARD provided by Duthie Books Ltd. to a full-time student in any Langara program.

THE GOEL SCHOLARSHIP IS OFFERED ANNUALLY BY Dr. and Mrs. D.P. Goel to a student who has demonstrated overall excellence in the Arts and Sciences.

HERMAN ITZINGER BURSARY/SCHOLARSHIP is awarded annually to a needy second year Art in Merchandising Program student who has demonstrated academic excellence in studio courses.

INDIA CLUB OF VANCOUVER SCHOLARSHIP is offered annually to an outstanding student in the Sciences.

INSTITUTE OF CHARTERED ACCOUNTANTS OF BRITISH COLUMBIA offers an annual award to students in the second year of a university transfer program, with preference given to students in the Accounting option.

INSURANCE INSTITUTE OF BRITISH COLUMBIA offers an annual award to students entering the second year of a Business Administration program.

IRMA MUSIL MEMORIAL AWARD is offered three times a year to Langara Nursing students in recognition of their outstanding academic and clinical achievement.

J.D. GRAY AWARD FOR EXCELLENCE IN THE DISCIPLINE OF GEOGRAPHY is an annual award intended to perpetuate the name of the Gray family of Keith, Banffshire, Scotland, whose tradition of quiet service to others has helped to make the world a better place for many.

THE JEAN L'ABBE MEMORIAL SCHOLARSHIP is an annual award to honour the memory of Jean L'Abbe, a former instructor of French, at Langara.

THE LANGARA PEACE PRIZE is awarded annually to the student who completes a project which best reflects good research, creativity and thoughtful consideration of some aspect of human relations among peoples of the world. Projects should be submitted by March 15 of each year.

L'ECOLE POLYTECHNIQUE MEMORIAL FUND - B.C. HYDRO has established a scholarship in commeration of the women massacred at the University of Montreal on December 6, 1989. The award is availabe to female students who are currently studying or will be transferring to study engineering at the University of British Columbia, the University of Victoria or Simon Fraser University or Technology at the British Columbia Institute of Technology.

LEON HOLT MEMORIAL SCHOLARSHIP is awarded annually to students enrolled full-time in the Arts and Science Diploma Program.

LORNA GARRETT MEMORIAL SCHOLARSHIP has been established in the memory of a long-time instructor in the Welfare Aide (Social Service Worker) Program, Lorna Garrett. The award is for graduates of this Langara program who are enrolled full-time in a degree-granting institution with the goal of obtaining a Bachelor of Social Work degree.

3M CANADA INCORPORATED offers two awards annually for students in the second year of the following programs: Computer Information Systems; Business, Finance and Investment Management; and Marketing and Sales.

MALCOLM MCGREGOR MEMORIAL SCHOLARSHIP is awarded annually to students in the Langara Classical Studies Program.

OVERSEAS CHINESE VOICE FOUNDATION SCHOLARSHIP is awarded five times yearly to students enrolled in any full-time program of studies.

PACIFIC RIM SCHOLARSHIP provides tuition scholarships for two students who have completed the full first term of the Pacific Rim Program and who have enrolled on a full-time basis in the second term of the program.

PETER R. KELLER MEMORIAL SCHOLARSHIP has been established to honour the memory of Mr. Peter R. Keller, a former V.C.C. student, and is available to a student entering the second year of the Library Technician Program at Langara.

PROFESSIONAL PHOTOGRAPHERS' ASSOCIATION OF BRITISH COLUMBIA offers an annual scholarship to a third term Professional Photography Program student who demonstrates scholastic excellence and financial need.

ROSE BING MEMORIAL SCHOLARSHIP has been established to honour the memory of a former Langara laboratory demonstrator in the Biology Department. Students who have completed at least two Biology courses at Langara are eligible.

THE SOCIETY OF MANAGEMENT ACCOUNTANTS OF BRITISH COLUMBIA annually offers a Continuing Education Tuition award for a student graduating from the Accounting Program at Langara who intends to complete the R.I.A. Program.

TOM ROBERTSON MEMORIAL SCHOLARSHIP was established by the Faculty Association of V.C.C., Langara Campus, and is an annual award available to students who are enrolled in Canadian Studies who have completed the first year of the program.

VANCOUVER COMMUNITY COLLEGE ALUMNI ASSOCIATION
The Vancouver Community College Alumni Association award seeks to recognize the many contributions that students make to the College. It is awarded twice annually to a student who has shown leadership and/or outstanding effort in working to improve academic or extracurricular campus life.

VANCOUVER STOCK EXCHANGE SCHOLARSHIP is offered annually to an outstanding student enrolled in the second year of the Business, Finance and Investment Management Program at Langara.

WILLIAM GEORGE SLATER MEMORIAL SCHOLARSHIP has been established to honour the memory of William G. Slater by Ocean Construction Supplies Limited, as Mr. Slater was a former employee and student of V.C.C.

C. DIRECT SCHOLARSHIPS

ALBERT TOLMAN MEMORIAL AWARD is an annual award established to recognize academic excellence in first year English courses and an interest in creative writing as demonstrated by enrolment and achievement in a creative writing course at Langara Campus.

THE ANTONY HOLLAND SCHOLARSHIP has been established in recognition of the dedication, creativity and standard of excellence of Antony Holland, Co-ordinator of the Langara Theatre Arts Program for two decades.

THE APPRAISAL INSTITUTE OF CANADA, VANCOUVER CHAPTER, has established an annual award for an outstanding, first year, Realty Appraisal Program student.

THE APPRAISAL INSTITUTE OF CANADA, BRITISH COLUMBIA ASSOCIATION, has established an annual award for an outstanding, fourth term, Realty Appraisal Program student.

AVERY HUYGHE MEMORIAL AWARD is provided by the David Lambert Memorial Fund in recognition of outstanding achievement in first year Ceramics courses in the Fine Arts Program.

BAKERS ASSOCIATION OF BRITISH COLUMBIA has established a trust which will provide annual awards for Art in Merchandising Program students who are identified by faculty as "most promising".

THE BEHNSEN AWARD is awarded annually by Behnsen Graphics Supplies Ltd. to the Fine Arts Program student who demonstrates outstanding achievement in second year Drawing.

THE BILL WATSON MEMORIAL AWARD is provided by the David Lambert Memorial Fund for outstanding achievement in Printmaking courses in the Fine Arts Program.

BOB NEIGHBORS MEMORIAL SCHOLARSHIP is an annual award in memory of Bob Neighbors who was the Art in Merchandising Department Chair and is awarded to an Art and Merchandising Program student who completes the first year of the program with the highest academic standing in Graphics.

BRITISH COLUMBIA POTTERS' GUILD has established two awards for Fine Arts Program students at Langara who demonstrate outstanding achievement in first year and second year Ceramics courses.

BRITISH COLUMBIA RECREATION AND PARKS ASSOCIATION offers two scholarships to the most outstanding graduating student of the Recreation Leadership Program and the Recreation Facilities Management Program.

BRITISH COLUMBIA AND YUKON COMMUNITY NEWSPAPERS' ASSOCIATION offers three awards annually for top Langara Journalism Program students.

THE BRUCE LARSEN JOURNALISM SCHOLARSHIP is an annual scholarship available to a first year Journalism Program student who has a demonstrated interest in becoming a news reporter on a Canadian daily or community newspaper. This award is available to Langara students for the years 1991-1996 inclusive.

CADILLAC/UNIVERSAL PLASTIC SCHOLARSHIP is an annual award offered to the graduating student from the Recration Facilities Management Program who is member of the R.F.A.B.C., and has taken on special projects in the arena environment, who is paid or a volunteer at an arena facility and who has performed admirably on field placement in an arena.

CANADA SPRINGFIELD APPRAISAL CONSULTANTS LTD. offer an annual award to a graduating student of the Realty Appraisal Program at Langara for achieving the highest mark on the National Comprehensive Exam.

CANADIAN INFORMATION PROCESSING SOCIETY, Vancouver Section provides an annual scholarship plus a one year membership in the Society to students enrolled in the second year of the Computer Information Systems Co-op Education Program.

CAROUSEL THEATRE SCHOLARSHIP has been established by the Carousel Theatre, a company dedicated to producing professional theatre for the youth audience and general public. One award is offered annually for a student who best exemplifies the ensemble spirit and is enrolled in the second year of the Langara Theatre Arts Program.

COAST REPORTING SERVICES INC. SCHOLARSHIP is presented annually to recognize the most outstanding overall graduate of the Langara Court Reporter Program.

COMPUTER INFORMATION SYSTEMS CO-OPERATIVE EDUCATION PROGRAM SCHOLARSHIP recognizes academic excellence during the first two terms of this Career Program.

CRAFT'S ASSOCIATION OF BRITISH COLUMBIA offers an annual award to a Fine Arts Program student who demonstrates outstanding achievement in second year Ceramics.

DAVID LAMBERT MEMORIAL AWARD is provided by the David Lambert Memorial Fund for outstanding achievement in the first year of the Fine Arts Program.

DAVID LAMBERT MEMORIAL AWARD is provided by the David Lambert Memorial Fund for outstanding achievement in the second year of the Fine Arts Program.

DAVID PRITCHARD MEMORIAL SCHOLARSHIP has been established to honour the memory of Mr. David Pritchard, a former V.C.C., Langara Campus, Theatre Arts student. Two awards are available annually to students enrolled in the Theatre Arts Program at Langara.

THE DUTHIE AWARD has been established by Duthie Books Ltd. to recognize the outstanding achievement of a Fine Arts Program student enrolled in either the first or second year of the program.

EARL WILLMOTT - VANCOUVER CANADA-CHINA FRIENDSHIP ASSOCIATION MEMORIAL SCHOLARSHIP is awarded twice yearly to facilitate an increased understanding of China and to reward scholastic achievement.

ELLEN LOW YING ROETS SCHOLARSHIP/ BURSARY AWARD is available to a student who has graduated from the Langara Nursing Program and who has continued on for a Baccalaureate in the Science of Nursing at an approved institution and is enrolled in the final year. This scholarship will be awarded every odd year.

THE ENGLISH DEPARTMENT CREATIVE WRITING SCHOLARSHIP has been established in memory of Jon Furberg and will be awarded to a creative writing student who has a minimum grade point average of 3.5.

ERNEST E. LIVESAY MEMORIAL PRIZE IN MATHEMATICS is an annual award in memory of a member of the Langara Mathematics Department. The award is available to students demonstrating academic excellence in at least two University Transfer mathematics or statistics courses.

THE FACULTY ASSOCIATION OF V.C.C., LANGARA CAMPUS offers nine awards annually to students with outstanding academic achievement.

FAIREY AND COMPANY LTD. provides two awards annually to recognize the outstanding achievement of Fine Arts Program students enrolled in first and second year Sculpture courses.

THE FRANK J. ZAMBONI CO. LTD. AND THE CROCKER EQUIPMENT CO. LTD. SCHOLARSHIP is offered to the student with the top academic standing in the first year of the Recreation Facilities Management Program and who is enrolled in the second year of the program.

GROVER, ELLIOTT AND COMPANY LTD. have established an annual award for the Realty Appraisal Program student who has achieved the highest marks in Appraisal 118, 218 and 318.

HONOURABLE DON MAZANKOWSKI SCHOLARSHIP is an annual award offered to a student who has completed the first year of the International Business Program with outstanding academic achievement and is registered full-time in the third term of the program.

ICE BUCKET BURSARY - V.T. CRYSTAPLEX PLASTICS LTD. is an annual award given to the Recreation Facilities Management student enrolled in the fourth term of the program who has exhibited the most dedication and improvement over the duration of the program.

JACK DIGGLE MEMORIAL AWARD is provided by the David Lambert Memorial Fund in recognition of outstanding achievement in second year Ceramics courses in the Fine Arts Program.

THE JOE DUKOWSKI MEMORIAL SCHOLARSHIP established by the Recreation Facilities Association of British Columbia is awarded annually to the student demonstrating outstanding achievement in the second year of the Recreation Facilities Management Program at Langara.

THE JON FURBERG MEMORIAL SCHOLARSHIP will be awarded to a student who has completed English 323 and/or English 424 and who has a minimum grade point average of 3.5.

KATHERINE WILLMOTT-VANCOUVER CANADA-CHINA FRIENDSHIP ASSOCIATION MEMORIAL SCHOLARSHIP is awarded annually to facilitate an increased understanding of China and to reward scholastic achievement.

KELLY DOUGLAS AND COMPANY LIMITED offers two awards annually for students enrolled in the first and second year of the Food Services Supervisor/ Technician Program.

LANGARA FACULTY EDUCATIONAL EXCELLENCE SCHOLARSHIP, established by the Faculty of Langara Campus, as a means of demonstrating concretely and constructively their commitment to education excellence. It is available annually for students who have a superlative grade point average, and who give evidence of outstanding work beyond the requirements of any particular course.

THE LEON HOLT MEMORIAL SCHOLARSHIP FOR JOURNALISM is an annual award available to a Langara Journalism Program student who has demonstrated public responsibility in Journalism.

LOUIS STERVINOUS MEMORIAL SCHOLARSHIP was established by the Dogwood Chapter of the Club Managers Association of America to honour the memory of Louis Stervinous, a Club Restaurant Manager "par excellence". It is awarded annually to graduating student in the Recreation Facilities Management Program.

MALCOLM MCGREGOR MEMORIAL SCHOLARSHIP seeks to recognize academic excellence for students completing and graduating from the Langara Classical Studies Program.

MARGARET H. OTTEM SCHOLARSHIP has been established to honour the hard work and dedication of former Food Services Supervisor/Technician Program Co-ordinator, Mrs. Margaret H. Ottem, and is available to a member of each graduating class of the Food Services Supervisor/Technician Program.

MARGO HARTLEY MEMORIAL SCHOLARSHIP is an annual award in memory of a Langara instructor who taught English and Communications courses. The award is available to students in Career Programs who have demonstrated excellent performance in the Communication courses in their Program.

MARKETING AND SALES PROGRAM TUITION SCHOLARSHIP is an annual award that recognizes the outstanding achievement of a student enrolled in the first year of the Marketing and Sales Program at Langara.

MEL FEARMAN AWARD is offered annually to a second year Fine Arts Program student who has exhibited the most progress in workshop skills over the two years of the Program.

MONTREAL TRUST COMPANY OF CANADA SCHOLARSHIP is an annual award designed to recognize the outstanding academic achievement of a Business, Finance and Investment Management student, during the first year of the Program.

THE "PENNY WISE" LANGARA JOURNALISM SCHOLARSHIP has been established by Evelyn A. Caldwell to assist a woman having journalistic promise to pursue a career in her chosen field.

RECREATION FACILITIES ASSOCIATION OF BRITISH COLUMBIA ASSOCIATES AWARD is awarded annually to the top first term program student who is registered in the second term.

SCOTT SCHILL MEMORIAL SCHOLARSHIP is an annual award to the graduating student in the Journalism Program at Langara who demonstrates the highest proficiency in all program subjects.

SMALL BUSINESS DEVELOPMENT SCHOLARSHIP offered three times yearly to reward academic achievement in the Small Business Development Program at Langara.

STRANCO SYSTEMS LTD. SCHOLARSHIP is an annual award to a first year Recreation Facilities Management student who achieves the highest grade point average in the second term of the program and continues into the third term of the program.

TENLINE SALES offers two awards annually to Fine Arts Program students who demonstrate outstanding achievement in first and second year Painting courses.

THOMAS KAKINUMA MEMORIAL AWARD, donated by the David Lambert Memorial Fund, is an annual award for a student who demonstrates outstanding achievement in first or second year Ceramics and/or Sculpture courses.

TOM ROBERTSON MEMORIAL SCHOLARSHIP was established by the Faculty Association of V.C.C. Langara Campus and is an annual award available to students who have completed all of the requirements for the Canadian Studies Diploma.

TOUCHSTONE THEATRE SCHOLARSHIP has been established by the Touchstone Theatre Society, one of Vancouver's leading alternate theatre companies which specializes in the production of Canadian plays. One award is offered annually to the second year Theatre Arts student who has shown exceptional progress in his or her work.

VANCOUVER COMMUNITY COLLEGE LANGARA CAMPUS offers six awards annually to students who demonstrate outstanding academic achievement.

VANCOUVER-NEW WESTMINSTER NEWSPAPER GUILD offers two awards annually for students enrolled in the Journalism Program at V.C.C. Langara.

VERSA ATHLETIC SCHOLARSHIP is offered annually to the second year male and female athletes who demonstrate academic excellence and superior athletic abilities.

VIC SCOTT PURCHASE AWARD is offered annually to the student who demonstrates outstanding achievement in first year Drawing courses in the Fine Arts Program at Langara.

VIC SCOTT PURCHASE AWARD, two of which are offered annually to the students who demonstrate outstanding achievement in the first and second year Design courses of the Fine Arts Program at Langara.

VICTORIA PRESS GALLERY SCHOLARSHIP is awarded annually to the Langara Journalism Program student who has been judged by his peers as having made the greatest contribution to the Voice Newspaper or the radio station C.N.B.C.

WILLIAM V. FALCUS AND ASSOCIATES SCHOLARSHIP is an award to the graduating student of the Realty Appraisal Program at Langara who demonstrates good scholastic standing and has made a major contribution to the class by displaying a co-operative, understanding and helpful attitude.

CAMPUS OFFICERS AND SENIOR STAFF:

HOLMES, L.J., R.N., B.SC. (Alberta), M.ED. (Brit. Col.), Acting Principal.

HORSLEY, J., DIP. ED. (Edinburgh) M.A. (Hons.), (St. Andrews), Dean of Instruction.

NIELSEN, V.A., Dip. Arts and Science (V.C.C.), B.A. (Brit. Col.) M.A. (S.F.U.), Acting Dean of Administrative and Student Services.

LONGAIR, T., B.A., M.A. (S.F.U.), C.A., Director of Financial Services.

PARADIS, T., Dip. Arts and Science (V.C.C.), Acting Registrar.

JOSEPH, H., Financial Aid Advisor.

LUPIEN, M., B.P.E. (Brit. Col.), Administrative Manager.

HOWMAN, C., B.A. (Waterloo), Office Manager, Continuing Education.

FACULTY

ABU-BAKARE, V., B.SC. Toronto, M.SC. Waterloo, Statistics.

ACHESON, K.E., B.A.ED. (Montana), Court Reporter Program.

AGUIRRE, J.M., M.A., ED.D. (Brit. Col.), Physics; Department Chair.

ACTON, T., B.A. (Hons.) (Victoria), M.A., PH.D. (Calgary), English.

ALBANESE, S.N., B.A., (Hons.) M.A. (S.F.U.), Sociology.

ALLAN, E.A., B.SC., (Hons.) M.SC. (Brit. Col.), Chemistry.

ALLEN, D., B.A. (Parsons Coll.), M.A. (S.F.U.), Psychology.

ANSELL, G., B.SC. (Birmingham, England), Computer Information Systems Program.

ANTONIAK, P., B.S.N. (Calgary), Nursing Program.

ARCHIBALD, F., B.A. (Hons.), M.A. (S.F.U.), Counsellor.

ARMSTRONG, H.E., B.H.E. (Brit. Col.), R.D.N., Food Services Supervisor/Technician Program; Department Chair.

ARNOLD, L.A., B.R.E. (Brit. Col.), M.SC. (Oregon), Human Performance and Recreation; Department Chair.

ATWELL, P.H., B.A. (Hons.) (Manitoba), M.A. (Calgary), Sociology.

AVELINO, E., B.SC., M.A. (Brit. Col.), Mathematics, Statistics; Co-ordinator.

BAGGOO, K.R., B.A., M.ED. (Brit. Col.), Biology.

BAGHERI, A., M.SC. (Indiana), PH.D. (Brit. Col.), Computer Science.

BAKER, M., B.A., M.A., PH.D. (Columbia), English.

BAKER, P., Arts and Science (Computer Systems Technologist) Program.

BAKER, R., B.P.E., M.P.E. (Brit. Col.), Human Performance and Recreation; Co-ordinator.

BALL, E.R., B.A., M.A. (Waterloo), PH.D. (Dalhousie), English.

BALLARD, E.J., B.ED., M.A., PH.D. (Brit. Col.), Psychology.

BASZO, L., DIP. Photography (Algonquin), Journalism Program.

BAWTREE, H.A., B.SC. (Victoria), Computer Science.

BAYNES, R.A., R.P.Bio., B.S.A., M.A. (Brit. Col.), Biology; Co-ordinator, Arts and Science (Environmental Studies) Program.

BESLER, M., B.A. (Hons.) (Regina), M.SC. (Brit. Col.), Mathematics.

BERTRAND, R., B.A. (Concordia), M.ED. (Brit. Col.), Counsellor.

BETT, S., B.A. (Toronto), M.A. (S.F.U.), English.

BEYERSTEIN, D., B.A. (Hons.) (S.F.U.), M.A. (Toronto), Philosophy; Department Chair.

BIDESHI, R., B.SC. (Brit. Col.), M.ED. (West. Wash.), Biology.

BINNS, B., B.A. (Regina), M.S.W., M.ED. (Brit. Col.), Canadian Studies.

BLACKLAWS, B., B.A. (Hons.) (Calgary), M.A. (S.F.U.), Anthropology.

BLEASDALE, G., B.A. (Hons.) (S.F.U.), M.A. (Waterloo), Sociology.

BONIFACE, C., B.SC. (Birmingham, U.K.), M.SC. (S.F.U.), Geography.

BORTOLIN, L., B.S.N. (Sask), M.S.N. (Brit. Col.), Nursing Program.

BOWLEY, G., R.N., B.S.N. (Ottawa), Nursing Program.

BOXLER, J.D., B.SC. (Ohio State), M.SC. (Northwestern), Computer Science; Division Chair, Mathematics and Science Division.

BRACKMAN-SHARP, J.A., B.A. (Hons.) (Hornsey Coll. of Art, London), M.A. (Royal Coll. of Art, London), Fine Arts Program.

BRADLEY, D.M., B.A. (Hons.) Cert. Ed. (Leeds), M.A. (Brit. Col.), French.

BRAIN, A., B.A. (Hons.) (Essex), M.A., PH.D. (Brit. Col.), Sociology.

BREMER, E.G., R.N. (VGH), B.S.N. (Brit. Col.), Nursing Program.

BRIDGES, M., B.S. (New Mexico), M.SC. PH.D. (Brit. Col.), Biology.

BREITMAN, O., L.L.B. (West. Ont.), Business Administration.

BRILL, B.A., B.A., M.A. (Brit. Col.), History; Division Chair, Humanities and Social Sciences Division.

BRODERICK-LOCKHART, C.E., B.A. (Brit. Col.), M.F.A. (Mexico), Fine Arts Program.

BROMLEY, R.A., B.H.EC., M.ED. (Brit. Col.), R.D.N., Food Services

Supervisor/Technician Program.

BROOK, E., B.A. (Sir Geo. Williams), B.L.S. (McGill), Librarian.

BROOKE, R.L., B.S.N., M.ED. (Brit. Col.), Nursing Program.

BROOMHALL, P.H., B.A., M.A. (Brit. Col.), English.

BROWN, T., E.V.G., B.A. (S.F.U.), M.B.A. (Dublin), Business Administration.

BROWNE, D.A., B.A. (Hons.), M.A., PH.D. (Brit. Col.), Philosophy; Co-ordinator.

BUCHANAN, B.L., B.A., M.B.A. (Brit. Col.), Business Administration; Co-ordinator, Business, Finance and Investment Management Program.

BUDRA, K., B.A. (Brit. Col.), M.A. (Toronto), English.

BURBIDGE, M., B.SC. (Manitoba), M.A., (Brit. Col.), Philosophy.

BURSEWICZ, A., B.SC. (Alta), M.PHIL. (London), Anthropology.

CALLA, A., B.A. (Montana), MLS (Brit. Col.), Library Technician Program; Department Chair.

CALLAHAN, S.B., B.A. (Oregon), M.A. (Wash), English.

CAMFIELD, J., B.A. (Calgary), CERT. PROG. (Institut Catholique, France), M.A. (Portland), B.ED. (Calgary), English.

CAMPBELL, C., B.A. (Waterloo), Recreation Facilities Management Program.

CAMPBELL, I.B., C.A.M. ADMIN. MGMT. SOCIETY DIP. IN BUS. ADMIN AND OFFICE MGMT. (Brit. Col.), Cert. (Ontario Police Coll.), Criminal Justice Program, Cert. Security (Cornell).

CARLE, E., Diploma (V.C.C.), Art in Merchandising Program.

CARR, R.V., B.P.E., M.P.E. (Brit. Col.), Human Performance and Recreation.

CARSLEY, N. B.A. (Hons.) (Winnipeg), M.A. (Victoria), PH.D. (Brit. Col.), Psychology; Department Chair.

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