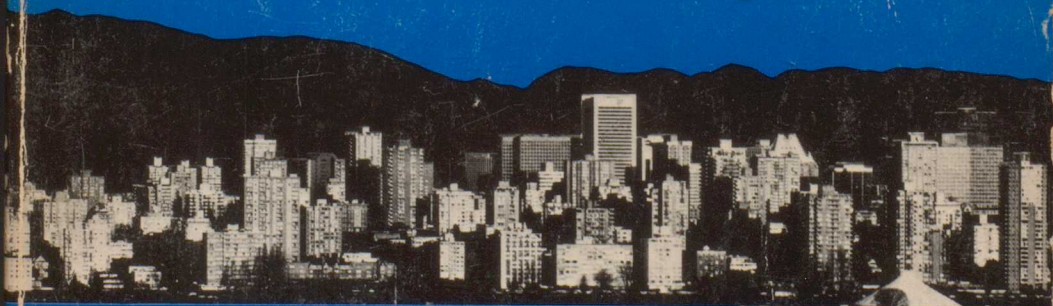


**VCC** Vancouver  
Community  
College  
1979-1980

Langara





# 1979

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# 1980

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## WELCOME



Welcome to Vancouver Community College. Vancouver Community College serves its students through three main campuses, Langara, Vancouver Vocational Institute, and King Edward, as well as several smaller centres throughout the City of Vancouver. Our most recent student count exceeded 18,000; in fact, nearly one in four B.C. post-secondary non-university students is a Vancouver Community College student.

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

You may be taking a program leading to employment or further education upon graduation, or a course designed to upgrade your job skills or enhance the quality of your life; whatever your goals, it is our job to help you achieve them. We are proud of the success of our graduates but are constantly looking for ways to improve our courses, programs and services. A total college evaluation has recently been completed and a program evaluation system will soon be implemented; in both cases student input is an integral part of the process.

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

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

A. S. Manera  
Principal,  
Vancouver Community College



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## ORGANIZATION OF VANCOUVER COMMUNITY COLLEGE

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### **College Board**

J. Baker  
W. Brown  
E. Jarvis  
J. M. Kennedy  
J. C. M. Scott  
E. B. Sleigh

### **College Executive Officers**

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

**Langara**  
**100 West 49th Avenue**  
**Vancouver, B.C. V5Y 2Z6**  
**Tel. (604) 324-5511**

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## A BRIEF HISTORY

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

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

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

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

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

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



**KING EDWARD CAMPUS**

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

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

King Edward Campus consists of three instructional divisions — College Foundations, Communication Arts, and Training and Development. At present, more than 4,000 full-time and part-time students are enrolled in classes, which are held Monday to Friday between 08:00 and 22:00 hours.

**LANGARA**

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, which surrounds a large quadrangle, houses lecture theatres, conference rooms, multi-use classrooms, study and seminar rooms, science laboratories and technical-vocational workrooms and studios for the cultural and performing arts. Covered walkways connect with the library and the gymnasium.

Langara offers a broad curriculum designed to serve the needs of most individuals who wish post-secondary education. Through fall and spring terms it enrolls regularly 5,000 students — 4,000 in arts and science programs (first and second year) and 1,000 in 23 career programs of specific occupational orientation. The academic year is divided into three terms of four months each. Any two terms of enrollment constitute an academic year.

**VANCOUVER VOCATIONAL INSTITUTE**

The Vancouver Vocational Institute specializes in the preparation of students to enter or up-grade their careers in business, industry and service occupations. It was first opened in 1949 in response to a growing awareness for the need of 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 both day, evening and weekend classes. Twenty of its programs are unique in B.C.

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

**CONTINUING EDUCATION**

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

Continuing Education annually enrolls approximately 20,000 part-time students. Courses are held at three evening centres — Langara, V.V.I. and Humber. 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 C.E. begins early in September; the Winter term, early January; Spring term, early April and Summer term, mid-June.



## COLLEGE PROGRAMS

**KING EDWARD CAMPUS** • basic job readiness training • basic training for skill development • college foundations • community and family aide • employment orientation for women • English language training • homemaker • pharmacy assistant • programs on deafness • music • vocational orientation for youth

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

**VANCOUVER VOCATIONAL INSTITUTE** • auto body repair • auto mechanics • building construction • diesel mechanics • drafting — architectural & structural • drafting — architectural & mechanical • drafting — steel design detailer • electricity & industrial electronics • electronics technician • tv & radio technician • electro mechanics I (basic) • electro-mechanics II (advanced) • graphic arts technician • machinist • machine operator up-grade • power engineering • power engineers' certificates • power & process engineering • welding • welding up-grade • welding midnight • barbering • baking-industrial • baking-options • cook training • short order cooking • cooking — Chinese cuisine • waiter/waitress • hairdressing • hairdressing apprenticeship • manicuring & facials • power sewing — production • shoe repair • clerk typist • secretarial • bookkeeping • accounting • nursing aide • nursing orderly • medical office assistant • medical transcriptionist • medical stenographer • legal stenographer • retail merchandising • industrial records & first aid • data entry operator (keypunch) • dental assistant • dental assistant up-grade • dental technician/mechanic apprentices • dental technician pre-apprentice • practical nursing

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

## CONTENTS

### FOREWORD

Principal's Welcome .....	I
Organization of Vancouver Community College .....	II
Vancouver Community College History .....	III
Vancouver Community College Campuses .....	IV
College Programs .....	VI
1979-1980 Schedules .....	IX
Langara Operation .....	XII

### Admissions

Langara Term .....	1
Pre-Admission Counselling .....	1
Citizenship Requirements .....	1
Academic Requirements .....	2
Dean's Admission .....	2
Conditional Admission .....	2
English Language Assessment .....	3
First Time Admission Procedures .....	3
Arts and Science Programs Procedure .....	3
Career Programs Procedure .....	4
Re-Admission .....	5

### Fees

Tuition (Credit or Non-Credit) .....	5
Fee Refunds .....	6
Scale of Refunds .....	6
Fee Payment .....	6

### Registration

First Time Students, Arts & Science Program .....	7
First Time Students, Career Programs .....	7
Re-Registering Students .....	7
Correspondence Courses .....	7
Permanent Registration Number .....	7
Student Card .....	7

### Certificates and Diplomas

Certificates .....	8
Diplomas .....	8

### Grading

Term Work .....	10
Examinations .....	11
Grades & Grade Points .....	11
Grade Point Average (GPA) ....	12
Overall Grade Point Average (GPA) .....	12
Statement of Grades .....	13
Appeal of Final Grades .....	13
Advance/Transfer Credit .....	13
Academic Record and Official Transcript .....	13

### Maintenance of Standing

Re-Admission .....	14
Board of Admissions .....	15

### Guidelines

Course Load .....	15
Conditions of Credit .....	15
Registering on a Non-Credit Basis .....	15
Attendance .....	15
Course Changes .....	16
Section Changes .....	16
Course Deletion .....	16
Withdrawals .....	16
Change of Name or Address ...	17
Transfer to other Institutions ...	17
Orientation Day for New Students .....	17
Study Day .....	17
Responsibility of Students .....	18

### Ancillary

Student Services Centre .....	19
Counselling .....	18
Student Records .....	18
Religious Counselling .....	19
Library .....	20
Reading Laboratory .....	20
Gold Room .....	20
Student Society .....	20



Canada Employment Centre ...	20	Library Technician Program ...	40
Health Service .....	21	Early Childhood Education .....	42
Catering .....	21	Teacher Assistant Program .....	43
Lounges .....	21	Welfare Aide Program .....	44
Housing .....	21		
Parking Facilities .....	22	<b>Fine Arts Department</b>	
Bookstore .....	22	Fine Arts Program .....	45
Clubs .....	22	<b>Nursing Department</b>	
Physical Education .....	22	Nursing Program .....	46
Intercollegiate Athletics .....	22		
Intra-Mural Recreation Program .....	22	<b>Physical Education &amp; Recreation Department</b>	
Publications .....	23	Recreation Leadership Program .....	47

### College Programs at Langara

College Programs .....	23		
College Arts & Science .....	23		
College Career Programs .....	23		
College Co-ordinated Programs .....	25		

### Applied Arts Department

Art in Merchandising Program .....	25		
Journalism Program .....	26		
Photography Technician Program .....	28		
Theatre Arts Program .....	29		

### Business Administration Department

Transfer of Credits .....	31		
Co-ordinated Diploma .....	31		
Accounting Program .....	31		
Business Management Program .....	32		
Data Processing Program .....	33		
Finance & Investment Program .....	33		
Marketing & Sales Program .....	34		
Realty Appraisal Program .....	35		

### Community Services Department

Court Reporter Program .....	37		
Criminal Justice Program .....	38		
Food Services Technician Program .....	39		
Food Services Summer Work Experience .....	38		

Library Technician Program ...	40
Early Childhood Education .....	42
Teacher Assistant Program .....	43
Welfare Aide Program .....	44

### Fine Arts Department

Fine Arts Program .....	45
-------------------------	----

### Nursing Department

Nursing Program .....	46
-----------------------	----

### Physical Education & Recreation Department

Recreation Leadership Program .....	47
-------------------------------------	----

### Course Descriptions

Course Numbering .....	48
Prerequisites .....	49
Credits .....	49
Courses Offered .....	49
Applied Arts Courses .....	50
Business Administration Courses .....	56
Community Service Courses .....	64
Fine Arts .....	75
Nursing Courses .....	78
Physical Education & Recreation Courses .....	79
English & Communications Courses .....	87
Mathematics Courses .....	93
Modern Languages .....	97
Physical & Life Sciences .....	100
Centre for Humanistic Studies .....	108
Social Sciences .....	108

### Scholarships and Awards

B.C. Student Financial Assistance Program .....	127
V.C.C. Langara Awards .....	128
Awards for Journalism Students .....	134
Outside Awards .....	134
Loans .....	149
Canadian Defence Forces Subsidization Plan .....	150

### College Officers, Senior Staff, and Faculty

Index .....	163
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## 1979-1980 SCHEDULES

### SUMMER TERM — 1979

In order to increase accessibility to the College's offerings during the summer months Langara has added two 8 week terms (May/June, July/August) to its regular 1979 and 1980 Summer terms. Students may register in any of the Summer Terms, however, all students are limited to a combined total of 17 credit hours.

#### SUMMER TERM 1979

#### INCLUDES MAY/JUNE & JULY/AUGUST TERMS

#### MAY/AUGUST TERM

Classes for the May/August term start May 3 and end August 10. Final examinations for the May/August term, August 13 to 17, must be written unless student is certified medically exempt.

May 1, 1979:	First day of Summer Term.
May 1, 2:	Registration for May/August term.
May 3:	First day of classes.
May 3, 4:	Course Change.
May 21:	Victoria Day; Vancouver Community College closed.
June 1:	Last day for refunds.
July 1:	Canada Day.
July 2:	Vancouver Community College closed in lieu of July 1.
July 16:	Final withdrawal date. (See page 16)
August 6:	B.C. Day; Vancouver Community College closed.
August 13 - 17:	Term-end examinations; required for completion of courses unless student is exempted by medical certificate.
August 30:	Orientation Day.
August 31:	Last Day of Summer Term.

#### MAY/JUNE TERM

Classes for the May/June term start May 3 and end June 20. Final examinations for the May/June term, June 21 and 22, must be written unless student is certified medically exempt.

May 1, 1979:	First day of the May/June term.
May 1, 2:	Registration for the May/June term.
May 3:	First day of classes.
May 3, 4:	Course Change.
May 16:	Last day for refunds.
May 21:	Victoria Day; Vancouver Community College closed.
June 7:	Final withdrawal date. (See page 16)
June 21, 22:	Term-end examinations for the May/June term; required for completion of courses unless student is exempted by medical certificate.
June 30:	Last day of the May/June term.

#### JULY/AUGUST TERM

Classes for the July/August term start July 3 and end August 19. Final examinations for the July/August term, August 20 and 21, must be written unless student is certified medically exempt.



- May 1, 2: Registration for the July/August term.
- June 1 - 29: Registration for the July/August term at Student Services Monday through Friday during regular college hours.
- July 1: Canada Day.
- July 2: Vancouver Community College closed in lieu of July 1.
- July 3: First day of classes.
- July 3, 4: Course Change.
- July 16: Last day for refunds.
- August 3: Final withdrawal date. (See page 16)
- August 6: B.C. Day; Vancouver Community College closed.
- August 20, 21: Term-end examinations for the July/August term; required for completion of courses unless student is exempted by medical certificate.
- August 30: Orientation Day.
- August 31: Last day of July/August term.

#### FALL TERM 1979

Classes start September 7 and end December 11. Final Examinations December 12 to 18 must be written unless student is certified medically exempt.

- Sept. 1, 1979: First day of Fall Term.
- Sept. 3: Labor Day; Vancouver Community College closed.
- Sept. 4, 5, 6: Registration for Fall Term.
- Sept. 7: First day of classes.
- Sept. 10: Monday. Langara Day; Birthday of Don Juan Francisco de Langara y Huarte.
- Sept. 11, 12, 13: Course Change.
- Sept. 30: Final course deletion date. (See page 16)
- Sept. 30: Last day for refunds.
- October 8: Thanksgiving Day; Vancouver Community College closed.
- November 11: Remembrance Day.
- November 12: Vancouver Community College closed in lieu of November 11.
- Dec. 12-18: Term-end examinations; required for completion of courses unless student is exempted by medical certificate.
- December 25: Christmas Day; Vancouver Community College closed.
- December 26: Boxing Day; Vancouver Community College closed.
- December 31: Last day of Fall Term.

#### SPRING TERM 1980

Classes start January 7 and end April 11. Final examinations April 14 to 18 must be written unless student is certified medically exempt.

- January 1, 1980: First day of Spring Term. New Year's Day; Vancouver Community College closed.
- January 2, 3, 4: Registration for Spring Term.
- January 7: First day of classes.
- January 7, 8, 9: Course Change.
- January 31: Final course deletion date. (See page 16)
- January 31: Last day for refunds.
- February 15: Study Day — College open. Faculty available for consultation.

- March 15: Last day for Application for Certificates or Diplomas at end of Spring Term.
- April 4: Good Friday; Vancouver Community College closed.
- April 7: Easter Monday; Vancouver Community College closed.
- April 14 - 18: Term-end examinations; required for completion of courses unless student is exempted by medical certificate.
- April 30: Last day of Spring Term.

#### SUMMER TERM — 1980

In order to increase accessibility to the College's offerings during the summer months Langara has added two 8 week terms (May/June, July/August) to its regular 1979 and 1980 Summer terms. Students may register in any of the Summer Terms, however, all students are limited to a combined total of 17 credit hours.

SUMMER TERM 1980  
INCLUDES MAY/JUNE & JULY/AUGUST TERMS

#### MAY/AUGUST TERM

Classes for the May/August term start May 5 and end August 10. Final examinations for the May/August term, August 11 to 15, must be written unless student is certified medically exempt.

- May 1, 1980: First Day of Summer Term.
- May 1, 2: Registration for May/August term.
- May 5: First day of classes.
- May 5, 6: Course Change.
- May 19: Victoria Day; Vancouver Community College closed.
- May 30: Final course deletion date. (See page 16)
- May 30: Last day for refunds.
- July 1: Canada Day; Vancouver Community College closed.
- August 4: B.C. Day; Vancouver Community College closed.
- August 11 - 15: Term-end examinations; required for completion of courses unless student is exempted by medical certificate.
- August 31: Last day of May/August term.

#### MAY/JUNE TERM

Classes for the May/June term start May 5 and end June 20. Final examinations for the May/June term, June 23 and 24, must be written unless student is certified medically exempt.

- May 1, 1980: First day of May/June term.
- May 1, 2: Registration for May/June term.
- May 5: First day of classes.
- May 5, 6: Course Change.
- May 15: Final course deletion date. (See page 16)
- May 15: Last day for refunds.
- May 19: Victoria Day; Vancouver Community College closed.
- June 23, 24: Term-end examinations for the May/June term; required for completion of courses unless student is exempted by medical certificate.
- June 30: Last day of May/June term.



### JULY/AUGUST TERM

Classes for the July/August term start July 2 and end August 20. Final examinations for the July/August term, August 21 and 22, must be written unless student is certified medically exempt.

- May 1, 2: Registration for the July/August term.  
June 2 - 30: Registration for the July/August term at Student Services Monday through Friday during regular college hours.  
July 1: Canada Day; Vancouver Community College closed.  
July 2: First day of classes.  
July 16: Final Course deletion date. (See page 16)  
July 16: Last day for refunds.  
August 4: B.C. Day; Vancouver Community College closed.  
August 21, 22: Term-end examinations for the July/August term; required for completion of courses unless student is exempted by medical certificate.  
August 31: Last day of July/August term.

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

In addition to the regular Summer Term, May/August, there will be a May/June term and a July/August term in 1979 and 1980.

### Langara Operation

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

### LANGARA OPERATES ON A TWENTY-FOUR HOUR CLOCK

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

## ADMISSIONS

### Langara

1. The normal term at Langara is four months long. Courses lasting the full term are complete in themselves and final grades are assigned. Two four-month terms normally constitute a complete year of study at Langara — the Nursing Program requires three terms.
2. Three terms comprise the academic year at Langara:
  - (a) The Fall Term ..... September to December (incl.)
  - (b) The Spring Term ..... January to April (incl.)
  - (c) The Summer Term ..... May to August (incl.)
3. Successful completion of an approved program of study over four terms, and which includes 60 credit hours of study, fulfills Vancouver Community College Diploma requirements. (The Nursing and Theatre Arts Programs require six terms; the Court Reporter Program and Food Services require five.)
4. Students may commence College Arts and Science Programs at the beginning of any Langara term. Courses offered during any given term are determined by the number of students registering and the availability of faculty and classroom accommodation.
5. See page (4) for details regarding enrolment in career programs.
6. Most academic courses at Langara may be taken during day or evening sessions.
7. The Langara campus day lasts from 0830 hours to 2230 hours Monday through Thursday; Friday, Langara closes at 1730 hours.

### Pre-admission Counselling

Pre-admission counselling, assessment, and course planning are available throughout the year in the Student Services Centre, Langara. Counsellors are available without appointment, day and evening Monday to Thursday, and during the day on Friday.

A pre-admission counselling interview is a necessity for all prospective students and applicants. The interview should take place well before registration for the term in which first enrolment is planned.

NOTE: Final responsibility for the selection of courses, the planning of a program, and the preparation of a course schedule rests with the student.

### Citizenship Requirements

Admission to Langara is limited to Canadian citizens and to those who have landed immigrant status in Canada. The definition of "landed immigrant status" is in accordance with the definition and regulation of the Canada Employment and Immigration Commission.



## Academic Requirements for Admission

### Regular

#### Academic Admission

Vancouver Community College, Langara, is a post-secondary institution. The academic requirements for admission to Langara on a credit or non-credit basis are:

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

#### Dean's Admission

Prospective students who, owing to work experience, background, previous education, age, or a combination thereof, were classified formerly as *mature students*, will be considered for regular admission by the Dean of Administrative and Student Services or by the delegate of the Dean. It is within the discretion of the Dean of Administrative and Student Services or his delegate to waive the requirements of regular Academic Admission.

#### Conditional Admission

- (a) Prospective students who are deficient in not more than two College Foundations (secondary completion) courses may be admitted conditionally and registered concurrently in not more than three College courses (9 credit hours) at Langara. Students registering at both King Edward (College Foundations courses) and at Langara (College courses) must register first at King Edward. Credit for College courses is withheld until College Foundations (secondary completion) deficiencies have been removed.
- (b) Prospective students who have been refused re-admission at another post-secondary institution owing to inadequate achievement at that institution, may be admitted as though "on probation" throughout their last term of registration at a post-secondary institution, and are thereafter subject to "Admission" and "Maintenance of Standing" requirements at Langara.

Exceptional cases and circumstances arising from the process of admission of students are adjudicated by the Dean of Administrative and Student Services.

ADMISSION IS NEITHER A GUARANTEE OF REGISTRATION IN SPECIFIC PROGRAMS OR COURSES, NOR A WAIVER OF PRE-REQUISITE REQUIREMENTS OF INDIVIDUAL PROGRAMS OR COURSES.

## Language Requirements

### English Placement Test

Students planning to enrol in a first semester English course are reminded that they will be required to take the B.C. English Placement Test prior to the semester in which they hope to register.

### English Language Assessment

Applicants for admission whose first language is not English may be required to write an English Language Assessment prior to admission. The results of the assessment may affect the applicant's subsequent placement in the courses.

The English Language Assessment is administered at the King Edward Campus. The schedule for and location of the assessment is available in the Student Services Centre, Langara.

### Student Classification

1. Full-time Student:  
A student registered in 12 or more credit hours
2. Part-time Student:  
A student registered for fewer than 12 credit hours

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## ADMISSION PROCEDURE

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### "FIRST TIME" ADMISSION PROCEDURES

#### Arts & Science Programs Procedure

1. Prior to registration *ALL APPLICANTS* for Arts and Science programs must present themselves at the Student Services Centre for pre-admission counselling, assessment, and course planning.
2. At the interview, each applicant should present:
  - (a) An official record of academic standing from previous school or college (e.g. *British Columbia Secondary School Statement*, complete).
  - (b) Any relevant records, certificates of achievement, and recommendations pertaining to previous education.
  - (c) Social Insurance Number.and if appropriate or required:
  - (d) Proof of landed immigrant status.
  - (e) Results of English Language Assessment.Evaluation for admission, made by counsellors at the time of interview, becomes part of each student's permanent record subsequent to registration.
3. At the time of interview, each applicant receives a completed Course Planning Form recommending a suggested program and sequence of courses.
4. At the time of interview, each applicant is assigned a College identification number which will be used in registration and which must appear on all documents submitted during registration. The identification number indicates the applicant has met the general requirements for admission to Langara, but is not registered in any course.



5. Following the pre-admission interview, Arts and Science applicants will be advised of the date and time of their registration, or will be informed when and how this information will be available.
6. Students in their graduating year at a B.C. secondary school may present themselves for a pre-admission interview prior to graduation and receipt of their *British Columbia Secondary School Statement*. Indeed, a pre-admission interview in the spring (as early as Easter) is recommended for B.C. secondary students planning to seek admission to Langara in the fall term immediately following secondary completion.

### Career Programs

Applicants for admission to Career Programs who satisfy the criteria for admission to the program for which they apply will be admitted on a "... first come, first served ..." basis.

The admission requirements of Career Programs are detailed in the portion of this Calendar devoted to the description of specific programs (page 23 to 24).

### Procedure

1. To undertake application for admission to a Career Program, each prospective student must:
  - (a) Complete and submit a Career Program Application Form, obtainable from the Student Services Centre, Langara.
  - (b) Submit with the completed Career Program Application Form an official record of academic standing from previous school or college, together with any other relevant records, certificates of achievement, and recommendations.

Career Program applications may be made in person or by mail. Personal application and pre-admission counselling interviews are recommended.
2. Following application, further notification regarding the process and status of admission is by mail.
3. Following application, the process of selection may require interview, audition, portfolio appraisal, etc., as may be appropriate in the admission requirements and criteria of specific Career Programs.
4. Within the admission requirements and criteria of each Career Program, applicants are accepted on a "... first come, first served ..." basis.
5. In the four-month period immediately prior to registration and program commencement, applicants are notified by mail of the disposition of their applications.
6. At the time of acceptance notification a non-refundable advance fee payment is required of successful applicants for admission to Career Programs.
7. Students in their graduating year at a B.C. secondary school may make early application (prior to graduation) for admission to Career Programs commencing in the fall term after secondary completion.

## Re-Admission

Students returning to Langara must re-register each term in which they wish to enrol. At registration, each re-registering student must present the Statement of Grades from the last term of registration at Langara. (See: Maintenance of Standing, page 14).

## FEES

### Tuition (Credit or Non-credit)

1. The maximum fee for the College Arts and Science Program or for any full-time College Career Program, is:
 

\$125.00 per term at the rate of:

  - (a) 0 - 3 credit hours - \$25.00 per course per term
  - (b) 4 - 6 credit hours - \$50.00 per course per term

Exceptions:

  - Nursing 648 - 15 credit hours - \$125.00.
  - Recreation 479 - 15 credit hours - \$125.00.
  - Theatre Arts 518 - 15 credit hours - \$125.00.
  - Theatre Arts 618 - 15 credit hours - \$125.00.
  - some career courses require additional materials fees, e.g., Studio Art, Art in Merchandising, Court Reporter, Photography, etc. (see: course descriptions).
  - In these programs the additional fee is \$5.00 per each \$25.00 course.
  - Career Program students are required to pay a non-refundable deposit of \$50.00 when notified of their acceptance into a program, (an advance fee deposit may be required of students re-registering in Career Programs).
  - no fee is charged for the Canadian Studies or Classical Studies seminars.
2. Senior Citizen Tuition Fee Exemption:
 

Exemption from payment of tuition fees is available to Senior Citizen residents of B.C., who are 65 years of age and over. However, some College courses and programs are limited in enrolment or are specifically employment oriented. Automatic admission and tuition fee exemption may not be possible in all such courses or programs. The Centre Principal (or his delegate) shall decide upon the availability of such courses and programs to Senior Citizen students on a fee exempt basis.
3. Miscellaneous Fees:
  - (a) Fees for non-credit courses. (See: page 15):
    - Free to students registered for credit in another course or courses.
    - \$25.00 for students not registered for credit in another course or courses.
  - (b) Late registration: \$2.00 per course per term to a maximum of \$10.00 per term.



- (c) Student Society: \$3.00 per term basic and \$1.00 per term for each course to a maximum total fee of \$8.00.  
ALL COURSES ARE SUBJECT TO A STUDENT SOCIETY FEE (WHETHER ON CAMPUS OR AT A SATELLITE CAMPUS).  
(d) Correspondence courses: \$25.00.

### **Fee Refunds**

The scale below indicates the rate of refund which will be granted to students who withdraw from the College or from a course which qualifies for a refund (see Withdrawal Procedures, pages 16-17). Refunds are not processed until the beginning of the month following registration.

NOTE: NO REFUND IS GRANTED ON "LATE REGISTRATION" OR "STUDENT SOCIETY" FEES.

**Scale of Refunds:** see inside front cover for closing refund dates.

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

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

Withdrawal on or after the 1st day of the second month of a semester — no refund.

NOTE: A student withdrawing from the College before the first day of instruction will receive a full refund minus a registration fee of \$2.50 per course to a maximum of \$12.50.

### **Fee Payment**

1. Registration is not complete until all fees are paid. Cheques or money orders must be made payable to "Vancouver Community College".
2. Students whose cheques are not honoured where drawn will be excluded immediately from classes. If permission for such students to complete registration by cash payments or by certified cheque is granted, they may be re-admitted to all classes on payment of an additional fee of \$2.00 per course for late registration. Students whose cheques are not honoured where drawn will, in following terms, be required to pay their fees in cash or by certified cheque.

## **REGISTRATION**

At the beginning of each term certain days (see inside front cover) are set aside for registration. Specific registration dates and times for Arts and Science students are scheduled by identification number for "first time" students and by permanent registration number for students re-registering. (see: *Permanent Registration Number*, below). Career Program students are scheduled for registration by program. Schedules of registration and course timetables are published prior to each term in the *Term Schedule*.

### **"First Time" Students, Arts and Science Program**

Bring to registration:

- (a) Identification number assigned at the pre-admission interview.
- (b) Course Planning Form (white copy) prepared at the pre-admission interview.
- (c) Records or transcripts of previous academic standing to provide proof that pre-requisites have been met for specific courses desired.
- (d) Fees.
- (e) English Placement Test results.

### **"First Time" Students, Career Programs**

Bring to registration:

- (a) Letter of acceptance.
- (b) Fee deposit receipt.
- (c) Remainder of fees.

### **"Re-Registering" Students**

Bring to registration:

- (a) *Statement of Grades* from the last term of registration.
- (b) Proof of satisfactory completion of pre-requisite requirements, if appropriate, for any course in which registration is planned.
- (c) Fees (an advance fee deposit may be required of students re-registering in Career Programs).

### **Correspondence Courses**

Langara offers a number of correspondence courses which use a combination of print materials, cassette tapes, and tutorials. They are: English 127, 137, 216, and 217; French 115 and 215; History 151; Sociology 120 and 121; and Psychology 115 and 215. These courses may be taken by off-campus students (who will have priority at registration) or by on-campus students enrolled in other Langara courses. They are recommended only for students who are confident of their ability to work independently. Like all other Langara courses, they must be completed during the semester in which the student enrolls. For further information on the courses or on how to register for them, contact the Student Services office at Langara.

### **Permanent Registration Number**

The identification number assigned Arts and Science applicants at the pre-admission interview, and Career applicants upon acceptance, has no validity after the registration period for which it was issued unless it is converted to a permanent registration number by the act of registration.

### **Student Card**

The Student Card, which also serves as a Library Card, is prepared or re-validated and issued at registration. Students should carry the Student Card (which shows Permanent Registration Number) at all times while attending Langara. The Student Card may be required as proof of student status for full Library privileges, examination identification, admission to student functions, and for other student privilege purposes.



## CERTIFICATES AND DIPLOMAS

### Certificates

Students who complete successfully the requirements of a two-term Career Program (one academic year) are eligible to receive a Vancouver Community College, Langara, Certificate. In the 1979/80 college year, the following Certificate programs will be offered:

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

Certificate requirements specific to each program are listed in this calendar (see index).

### Diplomas

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

Notwithstanding the above, the Nursing Diploma program and the Theatre Arts program require the satisfactory completion of six terms of study; the Court Reporter Diploma program and the Food Services Technician program five terms.

In the 1979/80 college year, the following Diploma programs will be offered:

- Arts and Science
- Arts and Science (Canadian Studies) (See page 9)
- Arts and Science (Classical Studies) (See page 9)
- Arts and Science (Physical Education) (See page 9)
- Accounting
- Art in Merchandising
- Business Management
- Co-ordinated Studies
- Court Reporter
- Criminal Justice
- Data Processing
- Finance and Investment
- Fine Arts
- Food Services Technician
- General Education
- Journalism
- Library Technician
- Marketing and Sales
- Nursing
- Photography Technician
- Realty Appraisal
- Recreation Leadership
- Theatre Arts

The basic requirement for a diploma is the successful completion of 60 credit hours. Of these, at least 6 credit hours must be from the offer-

ing of the English Department. Further, a minimum of 50% of studies must be completed at Langara.

Courses taken may be used for only one diploma. If a student desires an additional diploma, the student must earn the necessary 60 credits with courses not used for the previous diploma.

Diploma requirements specific to each program are listed in this calendar (see index). Exceptions are the Arts & Science, Co-ordinated Studies, and General Education diploma requirements (see below).

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

At least 45 credit hours must be selected from courses offered by one or more of the English and Modern Language, the Social Science, or the Mathematics and Science divisions. The 45 credit hours may not be selected from those courses designed, for the most part, for Career diplomas. Such courses are designated by an asterisk in this calendar. Students taking English courses during the Fall Term, 1978 and thereafter must, in addition include one of English 127 or English 137 and one of English 216, English 217 or English 218 within the above mentioned 45 credit hours. Prior to the Fall Term 1978, any two of English 117, English 127 and English 217 must be included in the 45 credit hours.

**ARTS AND SCIENCE (CANADIAN STUDIES)** Candidates for the diploma in Arts and Science (Canadian Studies) must complete:

1. The requirements of the diploma in Arts and Science, including at least six of the following courses:  
Anthro 150; Anthro 240; Business Procedures 115; Econ 115; Econ 116; Eng 325; French (subject to the approval of the French Department); Geog 120; Geog 150; Geog 155; Hist 150; Hist 151; Hist 152; Hist 161; Hist 260; Hist 339; Pol Sc 117; Pol Sc 119; Pol Sc 209; Pol Sc 219.
2. One semester of interdisciplinary material presented in weekly two-hour sessions.

**ARTS AND SCIENCE (CLASSICAL STUDIES)** Candidates for the diploma in Arts and Science (Classical Studies) must complete:

1. The requirements of the diploma in Arts and Science, including at least six of the following courses:  
At least two courses selected from: Latin 115; Latin 215; and/or Greek 115; Greek 215; the remaining courses from: Anthro 195; Art Hist 114; Classical Studies 320; Classical Studies 321; Hist 111; Hist 211; Hist 113; Phil 101; Rel St 230; and other such relevant courses as may be offered from time to time.
2. Attendance at a one semester colloquim on classical topics presented in weekly two-hour sessions.

**ARTS AND SCIENCE (PHYSICAL EDUCATION)** Candidates for the diploma in Arts and Science (Physical Education) must complete:

1. A minimum of 3 to a maximum of 12 credit hours selected from appropriate university transfer, physical education courses numbered 160 or higher (designated by a triangle) plus



2. A minimum of 6 to a maximum of 16 credit hours selected from appropriate university transfer, physical education courses numbered from 130 to 159 (designated by a triangle) plus
3. The balance of the credit hours must be selected from courses offered by one or more of the English and Modern Languages, the Social Sciences, or the Mathematics and Sciences divisions.

**NOTE:** IT IS ESSENTIAL THAT EACH STUDENT APPLYING FOR A DIPLOMA IN ARTS AND SCIENCE MUST COMPLETE 60 CREDIT HOURS OF STUDY (SEE PAGE 9)

**DIPLOMA IN CO-ORDINATED STUDIES** requirements are the successful completion of a recognized college level certificate program, equivalent to at least 30 Langara credit hours, (subject to evaluation by the counselling department, Langara) plus one year of study in Arts & Science (30 credit hours) at Langara. However, a minimum of 6 credit hours must be from the offering of the English Department.

**DIPLOMA IN GENERAL EDUCATION** requirements are appropriate for those students who prefer a diverse selection of courses and who do not necessarily plan to undertake university study. A student may select the basic requirements of 60 credit hours from any of the Langara divisions: Career, English & Modern Languages, Social Sciences, or Mathematics & Science. However, a minimum of 6 credit hours must be from the offering of the English Department.

**NOTE:** In order to receive a certificate or diploma, each student who meets the requirements for a Vancouver Community College, Langara certificate or diploma, must apply for graduation at the Student Services Centre. Application must be made prior to March 15, if the certificate or diploma is to be received at the Graduation ceremony held annually in the spring of each year. Students are encouraged to apply for graduation as soon as certificate or diploma requirements are complete, regardless of the term.

**APPEALS** regarding evaluation will be submitted to the Appeals Committee as established by the Campus Principal.

## GRADING

### Term Work

Term essays, projects and reports, etc., assigned to students during the term, account for from 65 - 80 percent of the achievement grade compiled at the completion of the course. The final examination in each course provides an additional means of measuring achievement.

It is vital, therefore, for success in any course or program at Vancouver Community College, that a student maintains a consistent effort in all assignments and classwork. Instructors have tutorial periods available every week, particularly for students whose best efforts are not achieving adequate success.

## Examinations

In order to receive course credit, students are required to 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. Students who wish standing in their courses must accept a commitment to be available for these examinations, as scheduled, until the final day of examinations (see inside front cover). Students may not expect any re-arrangement of examination times unless they have two or more scheduled at the same time. In such cases, it is their responsibility to report such clashes to the Administration office. Students who have attended a course throughout the term but who, owing to illness or other special circumstances are unable to write a final examination, 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

**NOTE:** Previous grading system applies to August 31, 1979 — See 1978/79 Calendar

Vancouver Community College, Langara uses a letter system to grade the achievements of students.

Letter Grade		Grade Point Equivalent
A	Distinguished Achievement..... For distinguished consistent accomplishment in examinations, reports and class participation.	4
B	Above Average achievement..... For consistent mastery of subject matter of this course	3
C	Average achievement..... For sufficient comprehension of the subject matter to indicate success in the next course in the same field. (Under normal circumstances transferable to other post-secondary institutions).	2
P	Minimum passing ..... For completion of a course but with below average achievement. (College credit will be granted but students will not normally be permitted to proceed to the next course).	1
F	Insufficient achievement..... For completion of a course without demonstrating sufficient knowledge of the content to receive credit.	0



N	No credit .....	0
	For the student who cannot be awarded an A, B, C, P, or F and who is 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 first month of each term, (i.e. January 31, May 31, or September 30), or, after these dates;	
	2. Gives notice to the instructor or to Student Services of intent to terminate attendance and participation; or	
	3. Does not write the final examination.	
W	Withdrawal.....	No Credit
	For the student, who after the final date of the first month of each term (i.e. January 31, May 31, or September 30) is granted a withdrawal from a course or courses for medical, compassionate, or other reasons considered acceptable by the College. Unsatisfactory performance after the above dates is not an acceptable reason to be granted permission to withdraw.	
S	Satisfactory.....	Not to be included in the grade point average.
U	Unsatisfactory.....	Not to be included in the grade point average.
	For evaluation of achievement in field work courses in some Career programs. The courses employing "S" and "U" grades are identified in their Calendar descriptions.	

### Grade Point Average (GPA)

Grade point averages are reported on each Statement of Grades. The GPA is the letter grade point equivalents, multiplied by the number of credits in the respective course totalled and divided by the number of credits possible apart from those courses from which the student has officially withdrawn and for which he has been granted a "W" or for the course or courses graded "S" or "U".

### Overall Grade Point Average (GPA)

The overall GPA is the cumulation of all letter grade point equivalents, multiplied by the number of credits in all courses on the student's permanent record totalled and divided by the number of credits possible apart from those courses from which the student has officially withdrawn and for which he has been granted a "W" or for the course or courses graded "S" and "U".

### Statement of Grades

A Statement of Grades is mailed to students each term within one week following the last scheduled examination in that term. Grades will not be released to students prior to the mailing date and time. All obligations relating to fees, library books or fines, and borrowed equipment must be met before any Statement of Grades, Transcript, Diploma or Certificate will be released.

Machine errors and omissions in Statements of Grades should be reported immediately, in person or in writing, to the Student Services Centre.

A student's most recent Statement of Grades is also that student's ticket of admission to registration for the following term.

### Appeal of Final Grades

If a student wishes to have a final grade re-assessed, the request must be submitted in writing to the Registrar. All appeals for re-assessment must be accompanied by a fee of \$5 for each course for which re-assessment is sought. Appeals must be received at the office of the Registrar not later than fourteen days after the mailing date of the original Statement of Grades. It is essential to re-submit term assignments such as essays, lab reports, or similar work with the appeal.

Appeals are reviewed by a committee of the Faculty; and in each case all the work of the term, including the final examination, is taken into consideration. The Registrar will inform the student of the committee's decision. If the grade is raised, the \$5 fee will be refunded; otherwise, it will be retained. The decision of the Faculty Committee is final.

Appeals will not be considered unless the above procedure is followed.

### Advance / Transfer Credit

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

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

### Academic Record and Official Transcripts

The Student Services Centre maintains a permanent record of each student's courses, credits and grades.

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

Official transcripts are available in the Student Services Centre upon request. Application for a transcript must be made in person or by written request well in advance of its requirement. Each student is entitled to one transcript free of charge after any term attended. Beyond this, the fee for transcripts shall be one dollar (\$1.00) for the first and fifty cents (.50) for each additional copy ordered at one time. Generally,



such fees are payable in advance: at the discretion of the Registrar, students may be billed after transcripts are issued. When requests for transcripts are submitted by mail, return delivery of the document usually requires about one week.

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## MAINTENANCE OF STANDING

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### **Re-Admission**

**NOTE: Previous re-admission applies to August 31, 1979 — See 1978/79 Calendar.**

Students returning to Langara must re-register each term. At registration, each re-registering student must present the *Statement of Grades* from the last term of registration at Langara.

*Requirements for Re-Admission* (see also: *Grades and Grade Points*, page 11). . . . By Course:

1. Registration in a College course with a prerequisite at the College level requires a grade of "A", "B", or "C" in the prerequisite College course.
2. In some cases, a grade of "F" in a course may not permit re-registration in that course. The College reserves the right to restrict or refuse re-registration in a course in which a grade of "F" has been achieved.
3. A student who withdraws from a course ("W") or receives an "N" grade may be permitted to re-register in that course once more. Successive withdrawal from any course may restrict a student's ability to re-register in that course.

. . . . By program:

1. A student who receives a grade point average of less than 1.50 will be placed on probation. Such a student should consult a Counsellor before re-registering.
2. A student who achieves a grade point average less than 1.50 in two successive terms of registration will be ineligible for re-registration in the three terms immediately following. Exceptions may be made for a student wishing to enroll in one or two courses only, and for a student wishing to alter significantly their educational goals. Such a student is required to consult a College Counsellor before re-registering.
3. A student who receives a grade point of 0 (F or N) in three or more courses in a term will be placed "on probation".\*
4. A student who receives a grade point of 0 (F or N) in three or more courses in two successive terms of registration will be ineligible for re-registration during the three terms immediately following. Exceptions may be made for students wishing to enroll in one or two courses only.

\*Initial placement "on probation (withdrawal)" and/or "on probation (G.P.A.)" are intended as warnings.

## **Board of Admissions**

Unique cases and circumstances arising from the process of re-admission of students and incapable of resolution within extant policies and procedures of the College, may be referred to the Dean of Administrative and Student Services and hence to the Board of Admissions for resolution.

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## GUIDELINES

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### **Course Load**

The normal maximum load a term is 15 credit hours of College courses, with the exception of certain Career programs.

Students who have maintained a grade point average of 3.0 may be permitted to carry a course load exceeding the prescribed limits. Application for permission to undertake a heavy course load must be made to a College counsellor.

### **Conditions of Credit for College Courses**

Normally, students must complete secondary school graduation, or equivalent, before credits will be granted for the completion of college-level courses. Those enrolled as Dean's Admission students are not required to satisfy this condition to qualify for a College Diploma.

NOTE: Although Langara campus of the College operates on a three-term plan with the possibility of students completing the requirements for a College Diploma in either December, April or August, one graduation ceremony is held annually in May, following the completion of the Spring Term.

### **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 marks or credit will be awarded but the course name and number will appear on the student's record together with the symbol (\*) indicating the course was taken on a non-credit basis.

Fees for non-credit registration are the same as for credit registration. Conversion from a non-credit to a credit basis is not permissible.

### **Attendance**

Regular attendance is required of students in all classes, lectures, laboratories, workshops and seminars. Irregular attendance usually results in exclusion of a student from classes.

Since the final standing for each course is based on class assignments and examinations during the term, regular attendance is essential for success in any course. Absence for any cause in no way relieves a student of the responsibility for completing the work of the course to the satisfaction of the instructor.



Students who are unavoidably absent because of illness or some other acceptable cause are responsible for class work or assignments missed. If repeated absences are due to illness the student may be requested to submit a medical certificate.

If a student is absent during the term from any examination for which due notice has been given, he may be required by the instructor to report to the Student Services Centre upon his return to the College.

### **Course Changes**

All students plan their courses in consultation with a College counsellor. If before or during registration a student believes that he has chosen an incorrect program, or if he wishes to add or change a course, he must report to a College counsellor without delay for consideration of his request.

If after registration he wishes to add or change a course he must report to the Course Change area during its operation. He may discuss the matter with a counsellor and make the necessary changes in his program at that time. Such changes, if approved, will be permitted if space is available. However, the student must accept full responsibility for final choice of courses.

### **Section Changes**

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

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

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

### **Course Deletion**

After the course change period, for the remainder of the first calendar month of each semester a student may delete a course or courses from his schedule without the course appearing on his record. The student must formally inform a member of the Counselling Department of his intention to "delete" a course during this period.

### **Withdrawals**

After the end of the first calendar month of each semester (September 30, January 31 or May 31) a student may withdraw from a course for medical or compassionate reasons or for reasons that in the opinion of the College make it impossible for the student to complete the course. To receive this "W" standing a student must comply with the formal withdrawal procedure at the Student Services Centre.

A student who does not complete a course and/or fails to write the final examination but who fails to withdraw officially will receive an "N" grade.

After the end of the first calendar month of each semester, a student wishing to delete a course for reasons of doubtful successful completion will receive an "N" grade.

In the calculation of the grade point average an "N" grade is included as '0'.

In 1979 for students enrolled in the May/June term the last day for withdrawal is June 7; and in the July/August term is August 3.

Beginning in 1980 students enrolled in the May/June term may withdraw from a course prior to May 15 without the course being entered on the transcript; for the July/August term, prior to July 16.

### **Change of Name or Address**

At registration all students are required to submit a permanent address to which term-end Statements of Grades may be mailed. If a name or permanent mailing address is changed after registration, it is the responsibility of the student to report the change to the Student Services Centre.

### **Transfer to other Institutions**

Students who anticipate transfer from Vancouver Community College, Langara, to another educational institution should consult the Registrar of that institution. The transferability of courses taken at Vancouver Community College, Langara, is determined solely by the institution to which the student transfers.

Similarly, an institution to which an official transcript is sent may evaluate the courses, appraise the letter grades and recompute the grade point average of the student in accordance with its own policies and regulations.

Students planning transfer should discuss their plans with a College counsellor, bearing in mind that responsibility for final choice of course or program remains with the student.

### **Orientation Day for New Students**

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

### **Study Day**

In the Spring Term, a study day is held. Classes are cancelled for the day, however, instructors are available in their offices, for consultation with students. Purpose of the study day is to aid students in their projects, papers, general course study and related matters.



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## RESPONSIBILITY OF STUDENTS

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### 1. To their Studies:

It is the responsibility of students to keep their work up-to-date and to complete assignments as required. Final grades are based upon term work, including laboratory assignments, as well as upon examination results.

### 2. To the Faculty:

All faculty members are available for consultation with students either during posted office hours or by arrangement. Students should take advantage of small-group seminars and tutorials and work closely with members of the faculty to enrich their College-learning experience.

### 3. To the College:

Registration at Langara is a privilege extended to qualified applicants. Acceptance in a College program carries with it an obligation to maintain a mature and responsible standard of conduct, deportment and dress. On campus, it is the responsibility of every student to observe the laws governing the community as well as the rules of Vancouver Community College.

A student who fails to do so, or who acts in a manner that will reflect unfavourably upon himself, the College, or the student body, is subject to disciplinary action which may result in suspension or dismissal.

For both safety and health reasons, students are not allowed to bring animals into the College.

### 4. To the Community:

The College is organized and operated by the Vancouver Community College Board as a public service at community expense; the co-operation of all students in proving the value of such an institution to the community is expected at all times.

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## ANCILLARY SERVICES

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### **STUDENT SERVICES CENTRE** ***Counselling and Student Records***

The Student Services Centre is the first stop for all seeking information regarding Langara or admission to Langara.

The Student Services Centre is located on the main floor in the north east corner of the instructional building (east of the main entrance). In the Student Services Centre are housed the office of the Dean of Administrative and Student Services, Counselling Service, and Student Records Service. The Dean is also responsible for the operation of the cafeteria, the bookstore, day care, health services, financial aid, etc.

The counselling office is staffed throughout the year by professional counsellors, 0900 to 2100 hours Monday through Thursday and 0900 to 1630 hours Friday, to see students, applicants and inquirers. Counsellors provide the following services and programs:

- general educational information (an educational calendar library is available)
- career information
- course advising
- admissions interviewing
- test assessments (currently a limited program on an individualized basis)
- counselling (personal; educational; vocational)
- small group programs
- liaison with faculty, student, and community programs and groups

The Student Records office provides the service of the Registrar. The office maintains a complete file of admission, achievement, certificate, and diploma records for all students who have attended or are attending Langara. The office will receive:

- requests for official transcripts
- requests for unofficial duplicates of records
- inquiries regarding achievement records
- inquiries regarding permanent registration numbers and student cards
- change of name and address information
- all other information regarding student records

### **Lost and Found**

The Lost and Found is located in the Student Records Office. Articles are kept until the end of the term in which they are found. Thereafter, they are distributed to the needy.

### **Religious Counselling**

Arrangements may be made through Langara for students to receive religious counsel. Students interested should contact the Counselling office.



## **Library**

The Library, located west of the quadrangle, has a growing collection of books, periodicals, pamphlets, tapes, slides and documents organized to meet the educational needs of students. The card catalogue and the reference collection, keys to information searches, are on the main floor. Reserve books are housed on the same floor, while the periodical collection is available for use on the second floor.

Tape recorders and an extensive collection of tapes for instructional reinforcement in a variety of subjects are available for individual study on the fourth floor of the library. The Reading Laboratory is also located on the fourth floor.

Large areas for study are found on the second and third floors of the Library. Study alcoves are also located in the second and third floor corridors of the instructional block and at the east side of the main floor.

## **Reading Laboratory**

The Reading Laboratory is in Room L403 (4th floor Library) and offers the opportunity to develop college level reading, study, and note-taking skills.

## **Gold Room**

The Gold Room is Room A326 in the instructional block (3rd floor adjacent to the elevators) and provides tutorial instruction to students seeking assistance with writing, mathematics, physics, and chemistry.

## **Student Society**

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

All students are assessed a Student Society fee to provide funds for the operation of the Society. (See page 6).

Students attending Langara are encouraged to participate in one or more activities supported by the Student Society.

Student Society offices are located at the western end of the second floor of the instructional quadrangle.

## **Canada Employment Centre on Campus**

The Canada Employment and Immigration Commission provides a year-round service for students enrolled at Vancouver Community College, Langara.

Placement of graduating students is a primary objective. However, every effort will be made to secure employment for students between terms and on a part-time basis during the College year.

Graduating students should complete applications for employment as early as possible after final term enrolment. They should also arrange for an appointment with a Canada Employment Centre counsellor so that they may be considered for interview appointments with employer-recruiters.

Students seeking information about career opportunities should contact this Centre. A library related to the world of work, including occupational publications, is maintained for the use of students and faculty.

The Canada Employment Centre on Campus is located adjacent to the Main Concourse, Business hours are 0830 to 1630 hours, Monday to Friday.

Employers are encouraged to write for further information to: Canada Employment Centre on Campus, Vancouver Community College — Langara, 100 West 49th Avenue, Vancouver, B.C. V5Y 2Z6.

## **Health Service**

### **Free — Confidential**

The aim of the Student Health Service is to provide continuing health care in the broadest sense to students, staff, faculty and administration, while at the College.

**Hours:** Monday to Friday 9:00 a.m. to 4:30 p.m.

**Phone:** 324-5256

**Location:** Main Concourse — (opposite elevators)

**Emergency Number — Dial 300**

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

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

## **Catering**

The student cafeteria is located off the south end of the Main Concourse directly opposite the main entrance doors.

## **Lounges**

The student lounge is located on the second floor at the west end of the instructional block. Several mini-lounges are located in the corridor ends throughout the building.

## **Housing**

Langara is not a residential campus. Accommodations may be obtained in the vicinity of Langara, but the College assumes no responsibility for housing accommodation. Information concerning facilities available is obtainable from the Student Society, which operates a housing service.

## **Handicapped Students**

Specific services are available should you wish them or need them. Please contact the Counselling Department at Langara.



### **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. Unauthorized cars (i.e., those without appropriate windshield stickers) will be towed away at the expense of the owners. Handicapped students should contact Security Office at Langara for special parking facilities.

### **Bookstore**

The Bookstore, which is located on the second floor of the instructional block opposite the elevator doors, stocks texts and supplementary books for College courses, as well as other books and periodicals of general interest and necessary stationery supplies.

It is also the campus shop for College sweaters, rings and other items of special interest to Vancouver Community College students. Special books and materials may be ordered through the Bookstore.

### **Clubs**

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

### **Physical Education**

Owing to the importance of physical fitness and the desirability of cultivating leisure-time recreational interests, students are encouraged to enrol in Service Activity Courses.

### **Intercollegiate Athletics**

Vancouver Community College, competes in the Totem Conference. This Conference is comprised of the two-year post-secondary schools in the province. Competitions are held in the following sports — for men: soccer, basketball, volleyball, badminton, rugby; for women: grass hockey, volleyball, basketball, badminton.

Canadian College Athletic Association — Vancouver Community College is a member in good standing of this national organization which offers national championships in Ice Hockey, Men's and Women's Basketball, and Men's and Women's Volleyball.

Four-West Championships — Vancouver Community College is a member in good standing of the 4-West Championship organization which was first organized in 1971 to obtain a champion of the four western provinces in selected sports.

### **Intra-Mural Recreational Program**

The Intra-Mural program at Langara, provides opportunity for involvement in five main areas: league play — floor hockey, basketball, soccer, volleyball, badminton and touch football; individual recreational activities — skating, swimming, tennis and badminton; Special

Events — swim meets, square dances, car rallies and orienteering; Keep-Fit Program — yoga, keep-fit and exercise circuit; Challenge cup — student groups may participate in sports or recreational activities of their own choice on a challenge basis. In striving to meet their objectives, the Intra-Mural Council has designed opportunities for fun and total participation in a relaxed environment.

### **Publications**

The College newspaper, SAVANT, is published by the Journalism students. It contains major news stories of the campus, student discussion material, entertainment and book reviews, and many other items of general student interest. SAVANT is distributed free to all students.

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## **COLLEGE PROGRAMS AT LANGARA**

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### **College Programs**

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

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

### **College Arts and Sciences**

College programs are offered in a number of subject areas at Langara Campus. They include English, Mathematics, Social Sciences, Physical and Life Sciences, Modern Languages, and Physical Education. Students will find requirements in these programs very flexible. Most of the courses offered in these fields are granted transfer credit at universities in British Columbia.

Appropriate course selection may lead to 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 programs in career fields lead to careers in the arts, in business, in industry and in community services. These programs have been developed with the co-operation of advisory committees. Owing to their specialized nature, career programs allow students to enrol in a limited number of electives.

To apply for admission to a career program, a special application (available from Student Services) must be completed and submitted. The applications are considered in the order in which they are received. The normal deadline for September commencement is April 30. Applicants who meet criteria for admission are accepted on a "first come, first served" basis. Special cases may be adjudicated by the



Board of Admissions. Dates for application for admission to programs starting at other times are available from Student Services.

Career programs are usually four terms in duration, requiring two years to complete, or two terms in duration, requiring one year to complete. Students accepted into any of these programs are required to 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 only one year of a two year program.

The following full-time career programs will be offered during the 1979-80 College year:

#### BUSINESS ADMINISTRATION

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

#### COMMUNITY SERVICES

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

#### APPLIED ARTS

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

#### FINE ARTS

Fine Arts Program

#### NURSING

Nursing Program

#### PHYSICAL EDUCATION & RECREATION

Recreation Leadership Program

Enquiries regarding career programs should be addressed to the Student Services Centre.

### English Placement Test

Students making application are reminded that they will be required to take the B.C. English Placement Test prior to the semester in which they hope to register.

### College Co-ordinated Programs

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

Details of Diploma requirements in specific specialties may be obtained from counsellors at either Langara or at the Vancouver Vocational Institute. (See page 8)

### APPLIED ARTS DEPARTMENT

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

### Art in Merchandising Program

Employment opportunities exist for persons with a sound knowledge of display, advertising and interior design coupled with aspects of commercial art training.

Students entering this program should have an interest and some ability in art. They should be interested in using their art training in a business setting. Students should note that design opportunities in the advertising and interior design fields are limited without further training.

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

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

#### FIRST TERM

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

#### THIRD TERM

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

#### SECOND TERM

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

#### FOURTH TERM

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



A materials fee is charged each term for basic supplies required in the Art in Merchandising Courses.

NOTE: A minimum grade of "C" is required in each Art in Merchandising Course before a student is eligible to enrol in the following term of the program.

### **Journalism Program**

The Journalism Program is designed both to train writers for general news assignment and to introduce them to all facets of the communications industry. The two years are seen largely as self-contained units, so it is possible for persons with appropriate experience to go straight into second year of the journalism specialty.

The program may be taken in either of two patterns: over four semesters with a summer break in the middle (a total of 18 calendar months, starting every September); OR over three consecutive semesters (12 months, starting in May). The latter pattern is available only to applicants already holding a substantial number of college academic credits similar to those taken over the four-term pattern, listed below.

### **Community Journalism**

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

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

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

### **Advanced Reporting**

Drawing once again on working Vancouver journalists as part-time resource people, the second half of the program introduces students to the various areas of daily newspaper work (sports, entertainment, leisure, etc.) while at the same time they act as Editorial Board for the student paper, planning editorial policy, managing the budget, and directing junior students as cub reporters. They are also introduced to magazine work. They will also opt either for a Print or Broadcast sequence.

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

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

Mobility for employment outside Vancouver is desirable.

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

Applicants must be able to type.

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

Mature students are eligible without secondary school completion providing they satisfy all other requirements.

#### **FIRST TERM**

English 127  
Shorthand 114  
Journalism 118  
Journalism 128  
Journalism 138  
Journalism 148  
Journalism 238

#### **SECOND TERM**

English 216 or  
Communication 115  
Geography 150  
Journalism 158  
Journalism 218  
Journalism 228  
One approved elective

In the second or third term, students must also take one of: Journalism 248 or Journalism 258.

#### **THIRD TERM**

Economics 115 or 195  
Science 118  
Geography 160  
Journalism 328  
Journalism 338  
Journalism 348 or 318  
Journalism 358

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

#### **FOURTH TERM**

History 369  
Political Science 119  
Journalism 438  
Journalism 448  
Journalism 458  
Journalism 459 or 428

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

(Where possible applicants are advised to take some of the academic courses *before* enrolling in Journalism. Students with a large number of post-secondary credits should consult the Journalism counsellor regarding the accelerated Journalism program.)



## Photography Technician Program

This is a two-year diploma program which combines general education in the sciences, communications and business subjects with training covering a broad spectrum in the field of photography.

A considerable amount of time is spent in the modern photographic laboratory and studio undertaking a variety of assignments that characterize the work of a photographic technician or photographer's assistant. Field work experience during the Advanced Options, field assignments and group field trips outside the College supplement the formal program.

Applicants must have secondary school completion including Chem 11, Physics 11 and Math 12 or mature student status with proof of competency in Mathematics and Sciences in the senior grades. Preference is given to those who have completed Chemistry 12 and Physics 12.

Applicants must prove their interest in photography by at least one of:

- (a) A minimum B standing in graphic arts, media, visual communications or similar course in secondary school.
- (b) Minimum of two years in a camera club.
- (c) Some part-time or full-time work experience in photography.
- (d) Proof of exceptional talent of value in the field of photography.

In addition, applicants must pass a multiple choice entrance examination based on advanced amateur subject matter.

When called to a selection interview, applicants must bring a portfolio of prints, slides or other graphic communication related to one or more aspects of commercial photography.

### FIRST TERM

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

### SECOND TERM

Small Business 115  
Chemistry 130  
Physics 230  
Principles of Photography 218  
Studio Techniques 218

### THIRD TERM

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

### FOURTH TERM

Photography Articulation 418  
Colour Photography 428  
Motion Picture  
Photography 428  
Two Advanced Options from the following:  
Audio-visual 428  
Colour Photography 438  
Commercial Photography 428  
Industrial Photography 428  
Motion Picture  
Photography 438  
Portrait Photography 428  
Press Photography 428  
Scientific Photography 428

A materials fee is charged each term for basic supplies required for the photography courses. Supplies and equipment which must be purchased by each student approximate \$500 per year.

## Theatre Arts Program

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

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

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

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

A wide variety of aspects are covered in the first year, but these are grouped under four major subjects:

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

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

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

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

During training the student is with instructors who are for the most part professional working artists in their respective fields. A close liaison is maintained with professional companies in Vancouver, most of whom regularly employ our graduates.

Applications for the program must be submitted on the Career Programs Application Forms available in Student Services. All applicants are required to appear for interview or audition, which is arranged by the department. These are held at regular intervals throughout the year. Arrangements for interview and audition are made as soon as written application is received.

Intake is limited to ensure students receive intensive individual training.

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

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



**FIRST TERM**

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

**SECOND TERM**

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

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

Eligibility for second, third and fourth terms is dependent on a minimum "C" grade in all subjects.

**ACTING Option****THIRD TERM**

Acting 328  
 Movement 328  
 Theatre Skills 328  
 Voice 328

**FOURTH TERM**

Acting 428  
 Movement 428  
 Theatre Skills 428  
 Voice 428

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

**FIFTH TERM**

Theatre Arts 518

**SIXTH TERM**

Theatre Arts 618

**STAGE MANAGEMENT Option****THIRD TERM**

Prop Construction 318  
 Lighting 318  
 Stage Management 318  
 Production  
 Administration 418

**FOURTH TERM**

Prop Construction 418  
 Lighting 418  
 Stage Management 418  
 Theatre Administration 418

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

**FIFTH TERM**

Theatre Arts 518

**SIXTH TERM**

Theatre Arts 618

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

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

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

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## BUSINESS ADMINISTRATION DEPARTMENT

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**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 Chairmen for latest details.

**Co-Ordinated Diploma**

It is possible to receive a Co-ordinated Diploma by combining courses offered in other centres of Vancouver Community College with courses offered by the Business Administration Department. For example, students who have earned a Business Administration certificate in the V.C.C. Adult Evening Business Administration Program may continue their studies toward a Co-ordinated College Diploma. (All certificates to be evaluated by the Counselling Department — See page 8).

**General Diploma**

As an alternative to the specific programs listed, a student may elect a General Education Diploma which would afford the selection of a more "personalized" program. Consultation with the Department Chairman is recommended. (See page 10)

**Accounting Program**

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



**FIRST TERM**

Accounting 115  
 Business Law 115  
 Communication 116  
 Mathematics 123  
 Data Processing 115

**THIRD TERM**

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

**SECOND TERM**

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

**FOURTH TERM**

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

Preference is given to applicants with a "C" or better average in English and any of the following subject areas: Mathematics, Law, Bookkeeping, Accounting or studies closely related to training in accounting.

**Business Management Program**

The courses included in this program are intended to present an alternative to other Langara business programs whereby the student may gain knowledge in general management areas. Emphasis is placed on a mix of relevant academic and business courses. Career outlook would be toward a variety of administrative and office management positions. The course may be co-ordinated between Langara and the Eric Hamber Evening Business Program. Hamber courses, where applicable, will be credited toward a diploma.

**FIRST TERM**

Accounting 115  
 Business Law 115  
 Communication 115  
 or 116  
 Marketing 115  
 Mathematics 123  
 Psychology 115

**SECOND TERM**

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

**THIRD TERM**

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

**FOURTH TERM**

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

**NOTES**

- (a) May substitute Marketing Research 321.
- (b) May substitute Credit and Collections 321.
- (c) Psychology 115 is prerequisite, or an academic elective may be substituted.
- (d) Electives are encouraged from the following: Systems 115/215; Property Management 415; Real Estate Law 325; Typing 114; Shorthand 114; Marketing Research 323; Business Procedures 115; Institutional Business Procedures 116; Income Tax 325; Finance 421; Business 195.
- (e) May substitute suitable academic elective.

**Data Processing Program**

This program is designed to train students in computer programming and systems analysis. The full two-year program includes practical experience on the sophisticated computer installation at Langara. Students obtain both the theory and practice necessary for well-trained data processing staff.

Applicants are required to take a Programmer Aptitude test. First consideration will be given to those attaining the 50th percentile or higher score.

**FIRST TERM**

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

**SECOND TERM**

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

**THIRD TERM**

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

**FOURTH TERM**

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

**Finance and Investment Program**

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



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

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

First consideration will be given to applicants with a "C" or better average in Grade 12 courses taken or to applicants with two years or more work experience.

#### FIRST TERM

Accounting 115  
Business Law 115  
Communication 115  
Marketing 115  
Mathematics 123  
Psychology 117

#### SECOND TERM

Accounting 215  
Business Law 215  
Communication 118  
Geography 150  
Mathematics 118

#### THIRD TERM

Credit and Collections 321  
Data Processing 115  
Economics 115  
Fundamentals of Finance 321  
Geography 160 (a)  
Investments and Institutions 115

#### FOURTH TERM

Income Tax 325  
Economics 116  
Fundamentals of Finance 421  
Management Policy and Practices 321  
Investments and Institutions 215 (b)

#### NOTES

- (a) May substitute suitable elective (e.g. Purchasing 415, Marketing Research 321)  
(b) May substitute Canadian Securities Course.

### Marketing and Sales Program

This program prepares young men and women to join the growing number of people finding interesting and remunerative employment in the distributive and service fields of industry and commerce. Emphasis is placed on the study of inter-personal relations, decision-making processes, and sales and marketing policies and practices. A program of behavioral involvement in business schemes and games, role playing, case study, research and personal development provides the insights which allow a graduate to become effective early in a business career in the growing service industry in Western Canada as well as in its supporting agencies.

First consideration will be given to applicants with a "C" or better average in Grade 12 courses taken in English, Mathematics, Science, Bookkeeping, Accounting and/or Law.

or

to applicants with two years or more work experience.

#### FIRST TERM

Accounting 115  
Business Law 115  
Communication 115  
Marketing 115  
Mathematics 119  
Psychology 117 or 115

#### THIRD TERM

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

#### SECOND TERM

Accounting 116  
Communication 118  
Business Law 215  
Mathematics 123  
Sales Workshop 218

#### FOURTH TERM

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

### Realty Appraisal Program

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

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

#### FIRST TERM

Appraisal 118  
Business Law 115  
Economics 321  
English 127  
Mathematics 121

#### THIRD TERM

Appraisal 318  
Appraisal 319  
Assessment  
Procedures 315  
Accounting 115  
Geography 250

#### SECOND TERM

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

#### FOURTH TERM

Appraisal 418  
Appraisal 419  
Property Management 415  
Data Processing 115  
Accounting 215  
English 216

### Evening Courses (Extended Day Program)

The part-time evening program includes all courses required by the Appraisal Institute of Canada for the C.R.A. and A.A.C.I. designations. Upon successful completion of this program the students will be eli-



gible to apply to the Appraisal Institute of Canada to write the National Examination for Appraisal III. This will complete all the educational requirements of the Institute except for three demonstration appraisal reports.

#### FALL TERM

##### 1st Year

Economics 321

##### 2nd Year

½ Appraisal 118

Business Law 115

**NOTE:** To be eligible for the 3rd year courses, the student must have successfully completed all the 1st and 2nd year courses.

##### 3rd Year

½ Appraisal 218

Geography 250

#### SPRING TERM

Economics 421

½ Appraisal 118

Real Estate Law 325

½ Appraisal 218

\*Appraisal 219

Accounting 275 or 115/215

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

##### 4th Year

Appraisal 318

Appraisal 319

Students wishing to qualify for a College diploma must, in addition to the above, complete the following courses:

Estimating 218

Property Management 415

Condominium Management 415

Data Processing 115

Assessment Procedures 315

English 127

English 216

### Small Business Development Program

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

For those with a GENUINE DESIRE to run their own businesses, this three-semester Co-operative Education Program will provide a rigorous blend of instruction and practical experience designed to assist graduates in establishing their own businesses or in working effectively within a small business.

Student will develop marketing, financial and operational plans for their new venture, and in the third term will be given an opportunity to start their own businesses. In addition, careful coaching and guidance will be provided by a committee of successful entrepreneurs.

Ideal candidates will have a strong desire to be their "own boss". Small business experience coupled with a marketable skill or feasible new venture idea is desirable.

#### FIRST TERM

Small Business 115

(Starting a Small Business)

Accounting 114

Business Law 115

Communication 115

Sales Workshop 218

#### SECOND TERM

Small Business Workshop 218

(Operating a Small Business)

Advertising & Sales

Promotion 321

Communication 118

Fundamentals of Finance 321

Marketing 115

#### THIRD TERM

Small Business 318

(Co-operative Education Internship)

### Common Courses and Course Sequence Interchangeability

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

Substitutions of recommended courses are possible to a limited degree.

Consultation with the department chairman is recommended.

### COMMUNITY SERVICES DEPARTMENT

#### Court Reporter Program

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

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

This program requires a minimum of eight hours of study and practice per scheduled day. Such effort should make possible the achievement of 200 words per minute on the Stenograph machine.



### **Admission Requirements:**

- (a) Applicants will be required to take aptitude tests. They should have Secondary School graduation or be mature students. Applicants should have the ability to type 30 wpm, before beginning this program.
- (b) Physical requirements are: unimpaired hearing, speech and vision, good manual dexterity and physical stamina.
- (c) The financial ability to carry a 20 months continuous course without other full time occupation.
- (d) Preference will be given to applicants with above average achievement in English and related subjects.
- (e) Applicants should have an interest in the Canadian judicial system, and its operation.
- (f) Mature and emotionally stable in dealing with a wide variety of people, many of whom are under considerable stress.

Successful completion of five terms (20 months) will qualify the student for a diploma.

#### **FIRST TERM**

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

#### **THIRD TERM**

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

#### **FIFTH TERM**

Court Reporting Practicum 549  
Graded S/U (See page 11)  
Court Reporting Workshop 548  
Machine Shorthand 558  
Machine Shorthand 528L  
Transcription 538  
Transcription Practicum 539  
Graded S/U (See page 11)

Machine Shorthand, Court Reporting Workshop and Transcription must all be successfully completed in the preceding term before the student is allowed to enrol in the current term.

### **Criminal Justice Program**

This four-term program will provide preliminary training through specialized and general education courses for those intending to proceed

#### **SECOND TERM**

Biology 151  
Court Reporting Workshop 248  
Legal Procedures 225  
Machine Shorthand 258  
Machine Shorthand 228L  
Transcription 238

#### **FOURTH TERM**

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

to careers with the Royal Canadian Mounted Police, municipal police forces, correction services, industrial security departments, protective services agencies, or other law enforcement careers, such as the specialized functions and duties of a court clerk.

#### **FIRST TERM**

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

#### **THIRD TERM**

Communication 118  
Law 316  
Mathematics 119  
Physical Education 125  
Psychology 332  
Community Resources 315

#### **SECOND TERM**

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

#### **FOURTH TERM**

Law 416  
Psychology 326  
Criminal Justice Practicum 419  
—Graded S/U (See page 11)  
Sociology 121  
Court Procedures 415

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

Physical requirements for those preparing for security work, investigative and other protective services are less demanding but good health and moral character are required by all.

The program is open to both males and females but there are more employment opportunities for men. The College reserves the right to require a pre-admission physical examination.

### **Food Services Technician 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 Dietetic Association.

The program is designed to provide both theory and practical experience to enable graduates 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 graduates are eligible for membership in the Canadian Food Services Supervisor's Association.

The program operates continuous throughout the year and a new class is accepted every second term (8 months) on a rotating basis. As well as spending four terms in courses on campus, each student will be required to work in an appropriate food service during the third



term and for two weeks at the end of the fifth term. For all practical experience 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 working with people in an institutional setting.
3. Willingness to work shifts, any five days of the week.
4. Preferably willing to accept employment in any area of the province.
5. A medical examination to ensure physical and emotional suitability for employment in a large food service.
6. References should include that of 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  
Food Preparation Workshop 118  
Food Services Workshop 118  
Nutrition 115  
Science 160

#### THIRD TERM

Food Services Field Work 239  
(Co-operative Education)  
—Graded S/U (See page 11)

#### FIFTH TERM

Food Preparation Workshop 438  
Food Services Workshop 428  
Food Services Field Work 439  
—Grade S/U (See page 11)  
Institutional Business Procedures 116  
Sociology 120  
Nutrition 321

#### SECOND TERM

Biology 160  
Communication 115  
Food Preparation  
Workshop 228  
Food Services Workshop 218  
Food Services Field Work 229  
—Graded S/U (See page 11)  
Nutrition 215  
Personnel Management 115

#### FOURTH TERM

Food Preparation  
Workshop 338  
Food Services Workshop 328  
Food Services Field Work 329  
—Graded S/U (See page 11)  
Mathematics 119  
Psychology 117

### Library Technician Program

This program is designed to equip graduates for supportive work in libraries at a level between the professional librarians and the clerical staff.

One half of the student's time will be spent on learning library and related business techniques. Library course work will involve lectures, field trips, field work and workshops.

Over the two-year period, students will take the equivalent of one full year of academic courses.

To be admitted to the program candidates must have completed secondary school, have an interview with the Program Co-ordinator and write an aptitude test. Mature students may be accepted without secondary school completion.

Candidates should enjoy both people and books, although it is conceivable that a graduate may work with little of either. A permanent interest in learning is characteristic of the most effective library workers.

Those contemplating the library program should realize that accuracy and attention to detail will be required in the program and throughout the working career of a library technician. Graduates of the program should have a typing speed of 45 w.p.m.

Advance credit is available for typing and academic courses. Should candidates enter the program with such credit, they may, with permission from the instructor, complete the program in 2 or 3 semesters provided that space is available in the advanced courses, and time-tabling can be arranged.

#### FIRST TERM

English 127 or 137  
Institutional Business  
Procedures 116  
Modern language (at appropriate level: French, German or Spanish)  
Typing 114  
Library Philosophy &  
Function 118  
Library Techniques 118

#### THIRD TERM

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

#### SECOND TERM

English 216, 217 or 218  
Data Processing 115  
Modern language  
Academic elective  
Library Field Work 219  
—Graded S/U (See page 11).  
Library Techniques 318

#### FOURTH TERM

History 151  
Library Children's  
Services 412 (4 weeks)  
Library Information  
Handling 413 (4 weeks)  
Library Personnel  
Management 414 (4 weeks)  
Academic elective  
Psychology 215  
Library Readers' Service 416  
Library Field Work 419  
—Graded S/U (See page 11).

Arts and Science courses selected as academic electives should be chosen in consultation with a counsellor, for they should be from among the transfer offerings of Langara.



## Early Childhood Education

There is a need for trained personnel (male or female) to work with young children in day care centres, parent participation pre-schools, private nursery schools and kindergartens, and special education centres for pre-school children. The Early Childhood Education Program is designed to prepare students to qualify as supervisors of pre-school centres licensed by Community Care Facilities Licensing Board. It does *not* qualify the student to teach kindergarten in the Public School system.

The program includes courses in Child Growth and Development, Philosophy of Early Childhood Education, Curriculum Development and Human Relations. Approximately half the student's time is spent in observation and participation in the various types of pre-school centres.

Admission Requirements: Because of the importance of the early years and the impact of the adult on the child during this critical period of development, the following qualifications are required for entrance into the Early Childhood Education Program.

- (1) Preference will be given to applicants 21 years of age or older.
- (2) Completion of Grade 12 and evidence of good student potential. Some mature students with slightly less than required academic standing *may* be accepted, provided they can demonstrate ability to handle the College level academic work. (Some written work may be requested at the time of the interview.)
- (3) Applicants must have had some current experience in the care of children under six years, *particularly with "groups" of children*. References certifying that the experiences were successful are required at time of interview. Baby-sitting experience alone is not considered adequate.
- (4) Persons accepted for the course must have presented a medical report verifying that there are no contra-indications to the applicant's future employment from a physical, mental and emotional point of view. *Current T.B. certificates must be presented at the time of the interview*. Working long hours with young children requires a great deal of physical stamina and emotional stability. The College may require consultation or testing if this is deemed advisable or necessary.
- (5) Applicants must possess personality qualifications and aptitudes appropriate to building meaningful relationships with children, parents and professional associates. Essential is the sincere desire to help each child achieve success according to his individual potential, with tolerance and without prejudice.
- (6) As young children are in the process of acquiring language *it is most important* that the teacher model has a good knowledge of the English language and ability to speak and write clearly and correctly.
- (7) As facilities for pre-school instruction and practicum are limited, fulfillment of the minimum requirements for admission should not be regarded as assurance that the applicant will necessarily be accepted.

## FIRST TERM

Curriculum Development 118  
 Communication 115  
 Foundations of Early Childhood Education 118  
 Language Arts 118  
 Observing and Recording the Behaviour of Young Children 118  
 Early Childhood Education Practicum 119  
 —Graded S/U (See page 11).  
 Psychology 124

Eligibility for second term is dependent on a minimum "C" grade in all subjects.

## SECOND TERM

Creative Arts 218  
 Communication 118  
 Curriculum Development 218  
 Exploring the Environment 218  
 Human Relations 218  
 Early Childhood Education Practicum 219  
 —Graded S/U (See page 11).  
 Psychology 224

## Teacher Assistant Program

This program is designed to meet the need for trained personnel to work as assistants to teachers in elementary and secondary schools. Successful completion of two four-month terms, commencing in September of each year, is required for the College Certificate as a Teacher Assistant.

Graduates will be equipped to perform duties in school libraries, science laboratories, and social studies departments. They will be prepared to assist in Learning Assistance Centres. They will be knowledgeable in the use of audio-visual equipment and materials. Training is also given in the clerical and recording duties formerly performed by teachers and in basic arts and crafts suitable for young people.

Practical field work experience in various schools is a required part of the training schedule.

Preference is given to those applicants who have an aptitude for working with people and some experience in working with children on either a voluntary or paid basis.

To be successful, candidates must be interested in education and its changing patterns. Willingness to take employment outside Vancouver is an asset.

## FIRST TERM

English 127  
 Geography 150 or elective  
 Learning Disabilities 115  
 Science 150  
 Public Education 116  
 Teacher Assistant Field Work 119—Graded S/U (See page 11)  
 Teacher Assistant Workshop 118

## SECOND TERM

Communication 115  
 Geography 160 or elective  
 Science 250  
 Learning Disabilities 215  
 Public Education 216  
 Teacher Assistant Field Work 219—Graded S/U (See page 11)  
 Teacher Assistant Workshop 218



## **Welfare Aide Program**

This program includes preparation for employment in the social welfare field at the beginning practitioner level. There are many job opportunities in the rapidly expanding welfare field for para-professional people. This training prepares them to perform many welfare services, which do not necessarily require professional social work training.

Some of the most likely employment areas will be in social welfare agencies, health services, and in group settings, housing children and/or adults.

## **Admission Requirements.**

Due to the nature and geographical location of foreseeable employment opportunities, applicants must be:

- (a) Mature and emotionally stable in dealing with a wide variety of people, many of whom are under considerably strained circumstances.
- (b) At least 21 years of age.
- (c) Preferably able to accept employment in areas outside the Lower Mainland and in any of various cultural environments.
- (d) Physically, mentally and emotionally suitable for employment in the welfare field. A physician's report, satisfactory to the college, may be required.
- (e) In possession of a valid B.C. Driver's Licence for manual and automatic gear-shift cars, prior to acceptance to the program.
- (f) Secondary school graduates who are reasonably good students, capable of writing clear and concise reports and capable of putting theoretical concepts in to practice. Mature entry students may be considered, but must demonstrate ability to handle college level courses on an academically demanding program.

### **FIRST TERM**

English 127 or 137  
History and Philosophy of  
Social Work 115  
Social Problems 117  
Political Science 117  
Psychology 115  
Welfare Aide Workshop 118  
Welfare Aide Field Work 129L

### **SECOND TERM**

Welfare Aide 117  
English 216 or 217 or 218  
Family in Society 115  
Psychology 215  
Social Welfare Practice 115  
Welfare Aide Workshop 218  
Welfare Aide Field Work 129

## **FINE ARTS DEPARTMENT**

### **Fine Arts Program**

This four-term program is intended for students wishing to pursue an intensive study of art. The program is designed as an end in itself, but at the same time will prepare a student for transfer into an institution offering advanced training in art.

The program contains major emphasis in studio art, with an opportunity to specialize in the second year. Two academic subjects, with transferable university credit, are taken each year. If the student wishes to obtain one complete year of academic credit (recommended for the student transferring to a university) he can elect three academic courses in the second year.

Admission in all cases is based on the presentation of a portfolio of work, and the successful applicant is placed according to ability and potential.

### **FIRST TERM**

Drawing 118  
Design 118  
Painting 118  
Sculpture 118  
Ceramics 118  
English 137  
Fine Arts 115

### **SECOND TERM**

Drawing 218  
Design 218  
Painting 218  
Sculpture 218  
Ceramics 218  
English 217  
Fine Arts 215

Eligibility for second, third, and fourth terms is dependent on a minimum "C" grade in all subjects.

### **THIRD TERM**

Drawing 318  
Design 318  
2 electives chosen from  
academic courses  
and  
1 art elective chosen from:  
Ceramics 318  
Composition &  
Construction 318  
Painting 318  
Printmaking 318  
Sculpture 318

### **FOURTH TERM**

Drawing 418  
Design 418  
2 electives chosen from  
academic courses  
and  
1 art elective chosen from:  
Ceramics 418  
Composition &  
Construction 418  
Painting 418  
Printmaking 418  
Sculpture 418

(NOTE: All Fine Arts electives are not necessarily offered each term.)

A materials fee is charged each term for basic supplies required. In addition, students will be required to purchase a specific list of personal supplies.



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## NURSING DEPARTMENT

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### ***Nursing Program***

The purpose of the Nursing Program at Vancouver Community College, Langara, is to provide a two-year diploma program leading to a career in nursing in the province of British Columbia. Upon completion of this program the graduate will be eligible to apply to the Registered Nurses Association of B.C. to write the registration examinations. Eligibility to practice as a registered nurse in British Columbia is governed by the Registered Nurses' Act, the regulations of the Registered Nurses' Act, and the regulations of the Registered Nurses' Association of British Columbia. Information as to eligibility to practice as a registered nurse may be obtained from the Registrar, Registered Nurses' Association of British Columbia.

The Nursing Program focuses on a study of nursing along with selected general education subjects, thereby providing the learner with a more comprehensive knowledge base for decision-making. Behaviours are directed towards goals of maintaining individual's health, or protecting individuals from illness and disability, and of assisting in restoring individual's health (or their optimal potential).

Upon completion of the program, the graduate is able to function under the periodic direction of an experienced registered nurse or physician in a variety of hospital settings to provide nursing care to individuals or groups of individuals of varying ages. These individuals do not include those who require nursing care in intensive or critical care and/or specialized areas. The graduate can co-ordinate and direct the activities of auxiliary nursing personnel.

### ***Admission Requirements:***

1. The applicant must possess a complete B.C. Grade XII standing or its equivalent including a Grade XI standing in Biology, Chemistry and Mathematics. The applicant must have a "C" grade or better average in Grade XII or its equivalent and a "C" grade in Grade XI Biology, Chemistry and Mathematics.
2. The applicant who has completed Grade XII (as described in #1) more than five years ago will be required to show evidence of a "C" grade standing in an academic course within the last five years.
3. The applicant must prove English competence and will be required to submit the English Placement Test score before the application can be processed.  
The applicant may be asked to take a remedial English course prior to admission.
4. Two satisfactory references are required from i) previous employers if recently employed, ii) secondary school counsellors if recently graduated.
5. The applicant is required to appear for a pre-admission counselling interview.

6. To ensure the applicant is fit to take this program, the applicant is required to undergo a medical examination, at least two months before entry into the program, and have the report submitted by the physician.
7. Applicants are encouraged to take the St. John's Ambulance First Aid Course prior to entering the Nursing Program. Applicants who do not have a valid St. John's Ambulance First Aid Certificate upon registration in the Nursing Program will be required to take the St. John's Ambulance First Aid Course prior to completion of Semester I of the Nursing Program. Students will be expected to make their own arrangements for this course in First Aid.

Applicants are requested to submit applications at least eight months prior to the anticipated enrollment date.

The Nursing Program consists of the following six semesters:

#### **FIRST TERM**

Nursing 135  
Nursing 138  
Biology 121  
P.E. 137  
Psychology 117

#### **THIRD TERM**

Nursing 335  
Nursing 338  
Biology 321  
Elective  
Pharmacology 215

#### **FIFTH TERM**

Nursing 535  
Nursing 538  
English 216, 217 or 218

#### **SECOND TERM**

Nursing 235  
Nursing 238  
Biology 221  
English 127 or 137  
Psychology 325

#### **FOURTH TERM**

Nursing 435  
Nursing 438  
Biology 421  
Sociology 120

#### **SIXTH TERM**

Nursing 648

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## PHYSICAL EDUCATION AND RECREATION DEPARTMENT

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### ***Recreation Leadership Program***

This program is designed to train students in a number of the important aspects of recreation work at the para-professional level. It attempts to develop the techniques of recreation leadership with broad application to the field, while providing opportunities for students to pursue a specific area of interest in such leadership. The program includes courses in a variety of recreational activities, leadership and programming theory, human relationships, and administrative procedures at the technician's level. Practical work, both in classes and in the field, is an integral part of the program.

There is a need for technically trained persons in the broad range of programs conducted by Community Centres, Y.M.C.A., Y.W.C.A.,



Rehabilitation Centres and other organizations providing recreation opportunities for people of all ages and with widely varied interests. Applicants must have a definite interest in and aptitude for leadership activities. Considerable previous participation in at least one area of interest, such as sports and games, creative arts, outdoor recreation, therapeutic recreation, or facility maintenance and management is required. In addition, candidates must be receptive to training in activities which are not within their personal competence. Good physical health and fitness are essential.

The College reserves the right to require a medical examination to ensure personal fitness for a physically strenuous program.

#### FIRST TERM

Physical Education 153  
Recreation 160  
Recreation 142  
\*\*Physical Education or  
Recreation Elective  
English 127  
Psychology 115

#### THIRD TERM

Recreation 362  
Recreation 164  
Business Procedures 115  
\*\*Physical Education or  
Recreation Elective  
\*\*Physical Education or  
Recreation Elective  
\*\*Elective (From Psychology or Sociology or approved elective)

#### SECOND TERM

Recreation 141  
Recreation 165  
\*\*Physical Education or  
Recreation Elective  
\*\*Physical Education or  
Recreation Elective  
One of English 216, 217,  
218 or approved  
Communication course  
Psychology 215

#### FOURTH TERM

Recreation Internship 479  
Graded S/U (See page 11)

\*\*The Electives marked above with a *double* asterisk are subject to approval by the Department.

## COURSE DESCRIPTIONS

### Course Numbering

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

Example: History 349(3)

Twentieth Century Britain

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

### Prerequisites

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

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

As indicated previously, it must be remembered that the final responsibility for selection of courses rests with the student.

### Credits

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

Credits are indicated in parenthesis immediately after each course number.

### Hours of Instruction

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

### Courses Offered

The following courses with few exceptions will be offered at Vancouver Community College, Langara, during the three terms comprising the 1979-80 College year. Not all courses will be offered during any one term. Offerings depend upon the number of students registered for various courses, the availability of faculty, and classroom accommodation.



## APPLIED ARTS COURSES

### **Art in Merchandising**

These courses are restricted to students enrolled in the Program.

- \* **Art in Merchandising Field Work 429 (3)**  
One day a week is set aside for the students to obtain "on the job" training in the business community. **0:2:4**
- \* **Art in Merchandising 118 (3) and 218 (3)**  
GRAPHIC DESIGN  
The study of type and graphic art as applied to advertising. **2:0:4**
- \* **Art in Merchandising 318 (3) and 418 (3)**  
GRAPHIC DESIGN  
The study of graphic art principles and application in the media involving newspapers, magazines, billboards, corporate image, etc. **2:0:4**
- \* **Art in Merchandising 128 (3) and 228 (3)**  
VISUAL PRESENTATION DESIGN  
Basic design principles as applied to display. **2:0:4**
- \* **Art in Merchandising 328 (3) and 428 (3)**  
VISUAL PRESENTATION DESIGN  
Further study of the facts of composition, design and color relating to visual presentation in stores, shows and exhibitions. **2:0:4**
- \* **Art in Merchandising 138 (3) and 238 (3)**  
INTERIOR DESIGN  
The history of furnishings combined with the elements of design as a study base for the practical problems within the interior design field. **2:0:4**
- \* **Art in Merchandising 338 (3) and 438 (3)**  
INTERIOR DESIGN  
Advanced studies in contemporary design, materials, and presentation techniques, applied through residential and commercial projects using professional business procedures and techniques. **2:0:4**

### **Journalism**

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

- \* **Journalism 118 (1)**  
WRITING RIGHT  
Developing journalistic style; expansion of vocabulary; review of grammatical and spelling pitfalls. **1:0:1**

### \* **Journalism 128 (1)**

#### FUNDAMENTALS OF REPORTING

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

### \* **Journalism 138 (1)**

#### THE COMMUNITY NEWSPAPER

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

### \* **Journalism 148 (2)**

#### TYPOGRAPHY: LAYOUT AND HEADLINES

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

### \* **Journalism 158 (1)**

#### RADIO NEWS

Writing for the ear; radio newsroom operation; building a news package; working with tape; interviewing; handling wire copy. **1:0:2**

### \* **Journalism 218 (3)**

#### NEWSPAPER WORKSHOP

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

### \* **Journalism 228 (2)**

#### EDITING; EDITORIALS; GRAPHICS

Copy editing techniques; writing editorials; the use of graphics and cartoon. **1:1:1**

### \* **Journalism 238 (2)**

#### PHOTO JOURNALISM

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

### \* **Journalism 248 (2)**

#### ENTERTAINMENT WRITING (*option for 258*)

Covering the entertainment scene; includes Performing Arts; Fine Arts and Crafts; Commercial and Consumer Arts. **0:2:1**

### \* **Journalism 258 (2)**

#### SPORTS WRITING (*option for 248*)

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

### \* **Journalism 318 (2)**

#### ADVANCED RADIO NEWS (*option for Journalism 348*)

Preparing and delivering the radio news package.  
Prerequisite: Journalism 128. **3:0:3**



**\* Journalism 328 (2)**

**WEEKLY PAPER MANAGEMENT**

Administering the business and policy of a weekly paper; advanced design and editing; use of colour; buying newsprint. **0:0:3**

**\* Journalism 338 (2)**

**NEWS AGENCIES; MEDIA ETHICS**

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

**\* Journalism 348 (2)**

**DAILY PAPER ORGANIZATION (option for Journalism 318)**

Management of small town dailies versus major metro papers; deadlines and editions; departments; operation of the rim. **3:0:3**

**\* Journalism 358 (1)**

**DAILY PAPER WRITING**

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

**\* Journalism 428 (2)**

**MAGAZINES AND INDUSTRIAL WRITING; PRINT FIELDWORK (option for 459)**

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

Prerequisite: Journalism 318.

**0:1:2**

**\* Journalism 438 (2)**

**FREELANCING AND FEATURE WRITING**

Defining markets; generating ideas; selling ideas; freelance broadcasting. In-depth interpretive and profile writing. **2:0:1**

**\* Journalism 448 (2)**

**ADVANCED REPORTING**

Covering public affairs; courts, city hall, legislature and government reporting. **2:0:2**

**\* Journalism 458 (1)**

**WORLD PRESS, AND NEW TECHNOLOGY**

An introduction to the great newspapers of the world, and what makes them great; new technology and the future of the media. **2:0:0**

**\* Journalism 459 (2)**

**DOCUMENTARIES AND TV NEWS; BROADCAST FIELDWORK (option for 428)**

Writing and editing radio documentaries; writing television news; fieldwork in the media.

Prerequisite: Journalism 318.

**1:0:4**

## **Photography**

These courses are restricted to students enrolled in the Program.

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

The basics of audio-visual with the emphasis on photographic applications such as slide series, overhead projection view-foils, film strips and film loops, are covered. Students prepare actual classroom material for instructors in the College. **0:1:5**

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

These courses cover basic and advanced colour photography and colour printing. The major emphasis is placed on the negative-positive method producing colour prints. Quality control, masking and other control techniques are included as well as experience in custom printing and processing of colour prints. **328-2:0:6**  
**428-1:0:5**

**\* Colour Photography 438 (3)**

This option allows the student to place greater emphasis upon custom processing and custom colour printing operations both at the College and on location at an operating "Custom Lab". Additional assignments in printing, processing and quality control will characterize this course. **0:1:5**

**\* Commercial Photography 428 (3)**

Product photography both in the studio and on location is the main emphasis of this course. Students make their own arrangements for products, props, models, transportation, etc. Lighting in both incandescent and electronic flash, as well as daylight, are part of the course. **0:1:5**

**\* Industrial Photography 428 (3)**

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

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

The first part of the course considers basic motion picture work, such as rule-of-three, panning, dollying, zooming, use of a variable shutter, etc. Students work alone and also as members of small production units to gain experience in filming and working as group members. Editing and A & B rolling are given as part of the workshop, but printing and processing will only be observed during field trips. **2:0:6**

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

The student will gain additional skills and experience through greater industry contacts during the "field experience" portion of the course as well as taking on more ambitious and complicated assignments



compared with the compulsory 428 course. Greater emphasis will be placed on sound filming techniques, editing, and video tape production. 1:0:5

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

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

**\* Portrait Photography 428 (3)**

This course involves mainly studio work covering public relations to finishing of the product. The students are responsible for obtaining their own subjects and for all other aspects of the technical execution of each portrait. A wide variety of subjects are photographed and field trips to several studios give additional insight into this field of photography. 0:1:5

**\* Press Photography 428 (3)**

Photography for publication in newspapers and magazines is the topic for this course. Students will get experience in providing photographs for the College newspaper and other publications. Students, in co-operation with Journalism students, are encouraged to get their work published outside the College. 0:1:5

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

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

**\* Scientific Photography 428 (3)**

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

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

Techniques of several fields of photography such as commercial, copying portraiture and press photography are covered mainly through laboratory and field assignments. Techniques including basic mounting, opaquing and print finishing are also covered in these courses. 2:0:6

## **Theatre Arts**

These courses are restricted to students enrolled in the Program.

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

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

**\* Acting 328 (3) and 428 (3)**

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

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

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

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

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

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

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

**\* Production Administration 418 (3)**

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

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

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

**\* Stage Management 318 (3) and 418 (3)**

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

**\* Theatre Administration 418 (3)**

Business management. Publicity. Audience research. 1:1:4

**\* Theatre Arts 518 (15)**

Intensive practicum in Theatre Arts, including public performances at Studio 58, and work with professional companies. 0:0:40

**\* Theatre Arts 618 (15)**

Continuation of 518. 0:0:40

**\* Theatre Skills 118 (3) and 218 (3)**

Introduction to the history of theatre and costume. Basic design and construction of scenery and costumes. Basic lighting design and set up. Duties of assistant stage managers and crew. Review and analysis of productions. Use and care of video equipment. 1:1:4

**\* Theatre Skills 328 (3) and 428 (3)**

Make-up. Practicum in stage management and production. 0:1:5

**\* Voice 118 (3) and 218 (3)**

Breath control, diction, projection, dialects, accents, foreign languages, music theory and singing. 0:1:5

**\* Voice 328 (3) and 428 (3)**

Verse speaking, foreign languages, singing, application of vocal techniques to acting in various mediums and in stage performances. 0:1:5



## BUSINESS ADMINISTRATION COURSES

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

### \* Accounting 114 (3)

The fundamentals of accounting as applied to a small business setting. For Small Business Development Program students. **2:0:2**

### \* Accounting 115 (3) and Accounting 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.

Prerequisite for Accounting 215: 115.

**3:1:0**

### \* Accounting 116 (3)

The fundamentals of accounting. An emphasis on the managerial use of financial statements involving analysis, cash budgets and fund statements. This course is a credit course for students on a College Diploma program other than Accounting, Finance and Investment or Data Processing programs.

Prerequisite: Accounting 115.

**3:1:0**

### \* Accounting 253 (3)

The review and extension of financial accounting concepts and their application to the financial statements studies in Commerce 151 and to additional areas, including income tax. The impact on financial statements of income determination, valuation and classification alternatives. The use of financial statements for decisions through ratio analysis.

Prerequisites: Accounting 115/215 or 275.

**3:1:0**

### \* Accounting 275 (6)

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

Prerequisites: (a) Successful completion of Secondary School on an acceptable University Entrance Program and  
(b) an acceptable position in the Accounting-Financial field in industry, government, or public practice.

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

**4:0:0**

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

Intermediate Accounting, a comprehensive study of the more complex accounting techniques, principles and practices. A detailed

examination of the methods and concepts involved in the measurement of net income and the determination of financial position.

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

### \* Accounting 475 (3)

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

Prerequisites: Accounting 115/215 or 275.

**3:1:0**

### \* Advertising and Sales Promotion 321 (3)

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

**3:1:0**

### \* Appraisal 118 (3)

This course is the student's introduction to Realty Appraisal and will cover such subjects as the purpose, functions, nature of value, basic principles, legal aspects and trends of Real Estate. It includes site valuation, building inspection, materials, basic building cost estimating, and depreciation. It prepares the student to write the Appraisal Institute of Canada Appraisal I exams.

**8:0:0**

### \* Appraisal 218 (3)

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

Prerequisite: Appraisal 118.

**8:0:0**

### \* Appraisal 219 (2)

The field work necessary to understand the theory of appraisals is undertaken. It will consist of field trips to inspect sub-divisions, housing developments, town house complexes etc. The student will learn to measure and write up properties for Appraisal Valuation reports.

Prerequisite: Appraisal 118.

**2:0:2**

### \* Appraisal 318 (3)

The more complex valuation will be examined. The students will complete case studies of: leased industrial property, an apartment building, and industrial property. Direct sales comparison, cost analysis, town house development, participation loan, assessment appeal, shopping centre, office building and sub-division are also studied.



The student will be prepared to write Appraisal Institute of Canada Appraisal III exams.

Prerequisite: Appraisal 218, Appraisal 219, Estimating 218. **8:0:0**

**\* Appraisal 319 (2)**

This is the field work that is needed to complement Appraisal 318. Trips will be arranged to familiarize the student with complex properties and their valuation.

Prerequisite: Appraisal 218, Appraisal 219, Estimating 218. **2:0:2**

**\* Appraisal 418 (3)**

The student will complete the Appraisal training by submission of actual demonstration appraisals of three properties. Further training will be given in valuation by the use of various field books, manuals and forms in use by qualified appraisers.

Prerequisite: Appraisal 318, Appraisal 319. **8:0:0**

**\* Appraisal 419 (2)**

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

Prerequisite: Appraisal 318, Appraisal 319. **2:0:2**

**\* Assessment Procedures 315 (3)**

This study will acquaint the student appraiser with the procedure necessary to the operation of an assessment office. Main topics will be centered around the Municipal and the Assessment Authority of British Columbia Acts. **3:1:0**

**\* Auditing 423 (3)**

Internal control and auditing procedures involved in the certification of financial statements. Generally accepted auditing standards. Professional and legal requirements in auditing.

Prerequisite: Accounting 215. **3:1:0**

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

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

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

Announcements regarding Business 195 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, 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.

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

**\* Business Law 275 (6)**

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

Prerequisites: (a) Successful completion of Secondary School on an acceptable University Entrance Program, and  
(b) An acceptable position in the Accounting-Financial field in industry, government, or public practice.

(This course is not open to students enrolled in any of the day business programs.) **4:0:0**

**\* 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**

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

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

**\* Condominium Management 415 (6)**

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

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

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

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

**\* Data Processing 115 (3)**

A study of mechanized accounting systems in business and industry. Orientation to the systems and equipment used in bulk processing of data, including accounting machines, punch card machines and computers. **3:1:0**



**\*Data Processing 215 (3)**

Introduction to the application of computerized accounting systems and to the development and use of a management information system.

Prerequisite: Standing of "C" or higher in Data Processing 115. **3:1:0**

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

Training and practice in programming on various modern computer units. Programming languages include **COBOL** and **RPG**. **6:2:2**

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

**ADVANCED PROGRAMMING.**

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

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

**\*Estimating 215 (3)**

This is a basic building estimating course and consists of recognition of building materials, study of design and utility of buildings, reading architect's blueprints, building cost estimating, house construction and building codes.

Prerequisite: Appraisal 118. **4:0:0**

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

A study of internal company financing. Reference is made 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, sources of credit, cost of capital, and appraisal of investment opportunities. Some emphasis on ownership versus leasing, implications of income tax and real estate investment. **3:1:0**

**\*Income Tax 325 (3)**

A course on Federal Income Tax legislation and its impact on Canadian business decisions and development. This course includes a study of the principles behind the Income Tax Act and its regulations, with some coverage of the Act's effect on personal income and the making of personal financial decisions. **3:1:0**

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

An introduction, designed especially for non-business students, to the business principles applicable to institutions. Topics include: legal and economic status of institutions in relationship to the government, public relations work, basic bookkeeping, statistics, transmittal services. **3:1:0**

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

A study of money, banking institutions, investment firms, investment media, investor protection, types of securities, financial statements and ratio analysis. The underwriting of bonds and stocks, bond and stock market operations and portfolio management. The course also includes the operations of insurance, trust, finance and other companies of similar nature. **3:1:0**

**\*Legal Procedures 225 (3)**

A special course designed to serve the needs of the court reporting student, emphasis is placed on 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**

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

This course is intended to integrate the basic systems theory with design, implementation, and application of management information systems (MIS). This should facilitate the understanding of MIS goals and the effect of MIS on organization structure and corporate management. **3:1:0**

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

Principles of organization and resulting types of business structure, line and staff organization, production problems, aspects of personnel management. This course uses case studies as the principal method of introducing various management policies and practices. **3:1:0**

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

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

Prerequisite for Accounting 323: Standing of "C" or higher in Accounting 215 or 275. **2:0:2**

Prerequisite for Accounting 423: Accounting 323.

**\*Marketing 115 (3)**

A concentrated study of texts, readings and cases concerning the problems of matching demand with supply of goods and services: consumer motivation, market research, selection of marketing strategy, development of the promotional mix, pricing and inventory management. **3:1:0**

**\*Marketing 321 (3)**

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

Prerequisite: Two terms of Marketing and Sales courses or their equivalent. **3:1:0**

**\*Marketing 424 (3)**

A comprehensive report on a major marketing or sales problem is developed during tutorials throughout the final term of the two-year program. This thesis earns credit as a fourth-term subject. **3:1:0**



**\* Marketing Research 323 (3)**

This course is designed to give a practical working knowledge of and introduction to the effective use of marketing research in business decision-making. **3:1:0**

**\* Merchandising 117 (3)**

A study of retailing methods and techniques particularly as they pertain to firms dealing in products or services requiring some art background. **3:1:0**

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

A broad, yet practical, appreciation of techniques in the art and practice of managing an office. The course covers: the role of the office; filing and record systems; microfilming; coding and indexing; forms control and design; mechanization; reproduction and distribution systems; evaluation of new equipment; office layout and working conditions; functions of the office manager; planning and controls; job design and analysis; performance standards; budgeting; inventory control; payroll and reporting procedures and techniques. **3:1:0**

**\* Personnel Management 115 (3)**

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

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

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

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

**\* Property Management 415 (3)**

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

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

**\* Public Speaking 119 (1)**

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

**\* Purchasing 415 (3)**

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

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

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

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

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

A thorough exploration, through two terms, of the role and activity of personal selling with emphasis upon the value of behavioural involvement 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.

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

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

**\* Small Business 115 (3)**

**STARTING A SMALL BUSINESS**

An introduction to the relevant aspects of setting up a small business. This includes: form of ownership, basic market research, determination of marketing and personnel policies, budgeting, government regulations, financing, purchasing, promotion, bankruptcy and consulting services. Emphasis will be on a practical approach; case studies will be used. **3:1:0**

**\* Small Business 218 (6)**

**OPERATING A SMALL BUSINESS**

A continuation of Small Business 115 covering all aspects of operating a small business, especially during the "survival" stage. Topics include bookkeeping, payroll, performance measurement, marketing, merchandising, purchasing, sales, advertising, store layout and governmental paper work. Emphasis will be on how to practically apply knowledge to operate a small business. Small businessmen will be used as resource instructors and students will be exposed to simulation games, case studies and short-run business ventures.

Prerequisite: Small Business 115. **0:0:8**

**\* Small Business 318 (15)**

**CO-OPERATIVE EDUCATION INTERNSHIP**

Approved 'On-the-Job' Co-operative work placements in Small Businesses. As an alternative, students may elect either to start and run their own business ventures or to work with a Small Business Counsellor. In addition, there will be weekly seminars.

Prerequisites: Small Business 115 & 218 **0:3:40**



**\* Systems 115 (3) and 215 (3)**

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

**3:1:0**

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

**\* Systems 321 (3) and Systems 421 (3)**

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

**3:1:0**

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

**\* Typing 114 (2)**

Developing the skill of touch typewriting to a reasonably accurate speed. Introduction to typing of letters, manuscripts; production of ditto copies. Recommended for students seeking to acquire typing skills for personal use and also for career program students.

**1:0:3**

**\* Typing 115 (2)**

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

**1:0:3**

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## COMMUNITY SERVICES COURSES

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### ***Court Reporter***

**\* Court Reporting Workshop 248 (2)**

First exposure to legal proceedings and how to handle them from the Court Reporter's point of view. Extensive use of court and pre-trial transcripts dictated to students by use of dictation boards allowing for up to nine party dictation.

Prerequisite: Machine Shorthand 128L.

**1:0:4**

**\* Court Reporting Workshop 348 (2)**

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

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

**1:0:4**

**\* Court Reporting Workshop 448 (2)**

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

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

**1:0:4**

**\* Court Reporting Workshop 548 (2)**

Extensive review of all types of proceedings covered by court reporters, including court work, pre-trial hearings, conventions, Royal Commissions, etc.

Prerequisite: Court Reporting Workshop 448, Machine Shorthand 448L and Transcript 438.

**1:0:3**

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

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

**4:3:8**

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

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

Prerequisite: Machine Shorthand 118 and 128L.

**1:0:4**

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

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

Prerequisite: Machine Shorthand 228L.

**0:0:5**

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

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

Prerequisite: Machine Shorthand 328L.

**0:0:5**

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

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

Prerequisite: Machine Shorthand 428L.

**0:0:4**

**\* Machine Shorthand 258 (2)**

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

Prerequisite: Machine Shorthand 118 and 128L.

**0:0:5**

**\* Machine Shorthand 358 (3)**

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

Prerequisite: Machine Shorthand 258.

**2:0:8**

**\* Machine Shorthand 458 (3)**

Speed building from live multi-party dictation, emphasis is placed on high speed two party dictation up to 175 w.p.m. and literary material of high word density.

Prerequisite: Machine Shorthand 358.

**2:0:8**



**\* Machine Shorthand 558 (3)**

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

Prerequisite: Machine Shorthand 458.

**2:0:6**

**\* Transcription 138 (3)**

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

**2:0:3**

**\* Transcription 238 (3)**

Progressive development of transcribing ability, emphasis is placed upon the student's ability to transcribe directly from shorthand notes into the 'finished product'.

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

**2:0:3**

**\* Transcription 338 (3)**

Students transcribe material dictated in the Court Reporting Workshop, and the Merit Test tapes directly from shorthand notes.

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

**2:0:3**

**\* Transcription 438 (3)**

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

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

**2:0:3**

**\* Transcription 538 (3)**

Transcription of material dictated with emphasis on the preparation of Appeal Books and special hearings, etc.

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

**2:0:2**

**\* Court Reporting Practicum 549 (3)**

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

**0:0:8**

**\* Transcription Practicum 539 (2)**

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

**0:0:4**

## ***Criminal Justice***

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

**\* Administration 115 (3)**

Principles of supervision and organization with special emphasis on modern concepts of public service: functions and activities; records; communications; public relations.

**3:1:0**

**\* Administration 215 (3)**

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

**3:1:0**

**\* Community Resources 315 (3)**

A course designed to introduce the correction and parole systems and to tie them in with the community agencies which, properly utilized, play an important role in crime prevention and reduction of juvenile delinquency. Specialists will present the lessons in each major area and field trips will complement the classroom learning.

**3:1:4**

**\* Court Procedures 415 (3)**

The collection and presentation of evidence and trial procedures with special emphasis to the role of the officers of the court and witnesses. The course includes visits to the various courts.

**3:1:2**

**\* Law 116 (3)**

### **INTRODUCTION TO LAW**

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

**3:1:0**

**\* Law 316 (3)**

### **CRIMINAL LAW**

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

**3:1:0**

**\* Law 416 (3)**

### **CRIMINAL CODE PROCEDURES**

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

**3:1:0**

**\* Security 215 (3)**

### **SECURITY**

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

**3:1:0**



**\*Criminal Justice Practicum 419 (3) — Graded S/U (See page 11)**

During this term each student gains further practical experience working in the criminal justice field. The student is evaluated primarily on his practical work by the course instructor and his supervisor. Service in a police reserve force fulfills the requirements of this course. **0:0:8**

**Food Services**

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

**Food Preparation 101 (2)**

**BAKED PRODUCTS**

This intensive course covers the preparation of all baked products and the use of fats in food preparation. **5:5:10**

**Food Preparation 102 (2)**

**CARBOHYDRATE FOODS**

The topics investigated in this course are fruits, vegetables, salads, sugars and starches. **5:5:10**

**Food Preparation 103 (2)**

**PROTEIN FOODS**

The third course in food preparation concentrates on the preparation of all forms of protein: meat, fish, poultry, eggs, milk products and gelatin. **5:5:10**

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

**Food Preparation 118 (6)**

**QUALITY STANDARDS**

A course emphasizing the principles, techniques and standards involved in the quality preparation of food. **2:2:4**

**\*Food Preparation Workshop 118 (3)**

A course emphasizing the principles, techniques and standards involved in quality food preparation. **2:2:4**

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

Application of the principles of quality food preparation to the preparation of food in large quantity. Practical experience is gained in cooking and organization by preparation of food for the Langara Child Development Centre.

Prerequisite: Food Prep. 118.

**2:2:0**

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

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

Prerequisite: Food Preparation 118 and Nutrition 115.

**1:1:2**

**\*Food Services Field Work 229 (3) and 329 (3) — Graded S/U (See page 11)**

This practical experience supports the Food Services and Food Preparation Workshops. In addition, the summer experience is considered as a part of the assessment, thus giving a practical observation from a third person. **0:1:4**

**Food Services Field Work 239 (3) — Graded S/U (See page 11)**

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

Prerequisite: Food Services Field Work 229.

**\*Food Services Field Work 439 (3) — Graded S/U (See page 11)**

Throughout each term and in the two weeks (70 hours) immediately following the final examinations in April students are scheduled for field work and observation experience in various areas and types of food services in the community. The type of field experience given is co-ordinated with the material being covered in the Food Services and Food Preparation Workshops. The student is evaluated on practical work. **0:0:8**

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

A study of the organization and management of institutional food services. Areas of study include organization, sanitation and safety, staff training techniques and work simplification. **3:3:0**

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

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

Prerequisite: Food Services 118.

**2:2:0**

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

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

Prerequisite: Food Services 218.

**2:2:0**

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

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

Prerequisite: Food Services 328.

**2:2:0**

**\*Nutrition 115 (3)**

An introduction to the science of normal nutrition; a study of the functions and sources of basic nutrients, enabling the student to relate nutritional needs to meal planning for optimum health during all stages of human development. **3:1:0**



**\*Nutrition 215 (3)**

Development of the principles of nutrition in relationship to the treatment of disease, investigation of the commonly used therapeutic diets and their employment for the welfare of the patient.

Prerequisite: Nutrition 115 or the equivalent. **3:1:0**

**\*Nutrition 321 (3)**

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

Prerequisite: Nutrition 215. **2:1:2**

### **Library Technician**

**\*Library Philosophy and Functions 118 (3)**

This survey course is approached through lecture, guest speaker, seminar and student report. The history of books and libraries is included with information on current trends in both the library world and the book industry. The role of the library technician is examined in libraries, both local and abroad. **3:1:0**

**\*Library Techniques 118 (3)**

An introduction to cataloguing procedures, including choice of the main entry heading and descriptive cataloguing. Full cataloguing according to the Anglo-American Cataloguing Rules is taught. **2:0:2**

**\*Library Techniques 218 (3)**

A continuation of cataloguing procedures as well as technical services. Topics: selection aids, acquisitions, bibliographic searching, processing, circulation and inter-library loan. The handling of periodicals and access to government publications is included. **2:0:2**

**\*Library Field Work 219 (3) — Graded S/U (See page 11)**

During the second term, Thursdays are set aside for visits to libraries and related industries in and near Vancouver. Following the final examination period in April, each student works for two weeks in a library. **0:0:7**

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

**\*Library Techniques 318 (3)**

Subject headings, Dewey and Library of Congress Classifications. Cataloguing techniques begun in 118 are continued. **2:0:2**

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

An introduction to the handling of non-book materials, including film, audio and video tape, microforms, pictures, pamphlets, etc. Instruction in display techniques and library publicity is also given. The student is taught to run common audiovisual equipment. **3:0:1**

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

Children's literature: history, evaluation and acquisition; school style cataloguing and reading levels; Library services to children including puppeteering and story-telling. **3:0:1**

NOTE: This course runs for approximately 4½ weeks. (½ of a term)

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

Information Storage and Retrieval and Special Library Services: Indexing, personal file structures, current awareness, search strategy and profile construction, compilation of subject bibliographies. **3:0:1**

NOTE: This course runs for approximately 4½ weeks. (½ of a term)

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

Personnel Management and Small Library Management: Staff Selection, Supervision Motivation and Evaluation; Library Services and their Evaluation; Organizations and Management Styles. **3:0:1**

NOTE: This course runs for approximately 4½ weeks (½ of a term).

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

Reference service in the humanities, sciences, and special subject areas such as law and medicine. The selection and use of reference books, handbooks, encyclopedias, gazeteers, etc. Relating the library to its public. **3:0:1**

**\*Library Field Work 419 (3) — Graded S/U (See page 11)**

Each student spends four weeks following the fourth term examinations gaining further practical experience working in a library. Students are evaluated primarily on their practical work by the course instructor and by their supervising librarian. **0:0:7**

### **Early Childhood Education**

These courses are restricted to students enrolled in the Program.

**\*Curriculum Development 118 (2)**

A study of the principles and practices underlying curriculum development for pre-school programs, with emphasis on content, equipment, room arrangements, and scheduling. **2:1:0**

**\*Creative Arts 218 (2)**

This course is designed to give an understanding of the philosophy underlying creative experiences with young children. The workshop section of the course provides direct experience with a variety of music and art materials enabling student teachers to become aware of the meaning of the creative experience to the individual. **1:0:3**

**\*Curriculum Development 218 (2)**

The role of the supervisor in developing creative programs to meet the needs of the young child, using play as the basis of learning.

Prerequisite: Curriculum Development 118. **2:1:0**



**\*Exploring the Environment 218 (2)**

The environment is explored as a resource for social studies content and for stimulating children's science interests. Particular emphasis is placed on building scientific attitudes and on the influences of the environment on the development of social attitudes in young children.

**2:0:1**

**\*Foundations of Early Childhood Education 118 (2)**

Historical, philosophical and cultural roots of contemporary pre-school education are examined in a search for answers to problems in the education of young children. Current issues and significant innovations in early childhood education are discussed.

**3:0:0**

**\*Human Relations 218 (2)**

The purposes of this course are:

1. to help student teachers develop an awareness of their own attitudes, values and goals;
2. to develop skills of communication with children, parents, colleagues and society in general.

**2:0:1**

**\*Language Arts 118 (2)**

This course is designed to help the student teacher understand the development of language and thought in the young child and provide appropriate experiences to aid in this development.

**2:0:1**

**\*Observing and Recording the Behaviour of Young Children 118 (3)**

Skills required to assess children's needs, motivations and capacities are studied in this basic course. Methods of observing, recording and documenting behaviour are discussed in relation to furthering better understanding and guidance of the young child.

**1:1:1**

**\*Early Childhood Education Practicum 119 (3) — Graded S/U (See page 11)**

An overview of the various types of pre-school settings in the community, their goals and objectives and varieties of instruction and administration.

**0:0:16**

**\*Early Childhood Education Practicum 219 (3) — Graded S/U (See page 11)**

Opportunity for the student teacher to work as an apprentice to experienced teachers in selected pre-school centres, including the Langara Child Development Centre.

In the four weeks (140 hours) following the final examinations in April, students are placed for supervised field work in a centre for young children. Successful completion of field work is a Certificate requirement.

Prerequisite: Early Childhood Education Practicum 119.

**0:0:16**

**Teacher Assistant**

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

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

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

**3:1:0**

**\*Public Education 116 (3)**

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

**3:1:0**

**\*Public Education 216 (3)**

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

**3:1:0**

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

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

**3:0:3**

**\*Teacher Assistant Field Work 119 (3) and 219 (3) — Graded S/U (See page 11)**

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

**0:0:5**

**Welfare Aide**

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

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

A study of the family as a unit in society. The growth and development stages, expanding and contracting family with emphasis on the development role and tasks of its members, including stress factors which effect the normal functioning.

**3:1:0**



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

A historical study of the 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 social agency structures. **3:1:0**

**\*Social Problems 117 (3)**

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

**\*Welfare Aide 117 (3)**

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

**\*Welfare Aide Workshop 118 (3) and 218 (3)**

A job-oriented study of methods that the aide will use in various welfare tasks. Most sessions are related to field trips conducted throughout the program to give every student a first-hand knowledge of the work of the various social work agencies. Workshop techniques include 'buzz' groups, demonstration sessions, role-playing, case studies and student reports. **2:2:5**

**\*Welfare Aide Field Work 129L (0) and 129 (6)**

During each term students are assigned to work in a selected agency on a weekly basis. These assignments involve approximately four hours per week and are scheduled to meet the needs of each specific agency. At the end of the Certificate year, students are placed for five weeks supervised work in a social agency. Successful completion of field work is a Certificate requirement. **0:0:8**

**\*Community Services 195 (3)**

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 offerings will be made in the term schedule.

Prerequisites will be announced by special bulletin.

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**FINE ARTS**

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***Fine Arts Courses***

**\*Fine Arts 115 (3)**

**INTRODUCTION TO THE VISUAL ARTS**

An introduction to the theory and philosophy of art through the study of painting, sculpture and architecture in relation to the changing background of technique, style and criticism. The course will cover: why study art?, the nature of the work of art (content, form, media and techniques) and the creation of the work of art. **3:1:0**

**\*Fine Arts 215 (3)**

**INTRODUCTION TO THE VISUAL ARTS**

The course is designed to teach the student to "think" in visual relationships; to analyze and to become more perceptive to works of art through visual experience; also to integrate the technological-social requirements and the psychological effects of materials, shape, colour, volume, space and motion; and finally, to assist the student to an involved understanding of art and architecture.

Prerequisite: Fine Arts 115

**3:1:0**

**\*Fine Arts and Applied Arts 195 (3) and 295 (3)**

This number is reserved for Fine Arts and Applied Arts courses that may be offered from time to time by:

(a) College Fine Arts and Applied Arts Faculty who may wish to present a course in their specialty which may be of limited interest; or

(b) Visiting Fine Arts and Applied Arts Lecturers.

Announcements regarding Fine Arts and Applied Arts 195 and 295 offerings will be made in the Term Schedule.

Prerequisites will be announced by special bulletin.

**2:0:4**

NOTE: The following studio courses are open to all college students and a selection is offered each term at the discretion of the Fine Arts Department.

**\*Ceramics 117 (2)**

A general survey of ceramics with practical employment of methods to provide an experience in art. **0:1:2**

**\*Design 117 (2)**

Instruction and workshop. Emphasis on esthetic concepts and technical controls for effective use of basic elements and principles of design and colour in craft applications, painting, architecture, interior design and for the enrichment of personal environment. **0:1:2**

**\*Drawing and Painting 117 (2)**

This course introduces form, shapes, illusion, mass, composition, colour and design through the use of figures, still-lives and abstractions. Various techniques will be used: brushwork, pen and ink, wash drawing, etc. **0:1:2**



**\* Fabric Arts 117 (2)**

**MACHINE STITCHERY**

This course is for students who want to develop their own designs and translate them into fabric collage and stitchery. Skills include the use of applique to establish colour and shape, and the free and innovative use of hand and machine embroidery to create line, texture and pattern. No previous sewing experience is required as the conventional use of the sewing machine will be discarded in favour of its potential as a creative and expressive tool.

**0:1:2**

**\* Fabric Arts 217 (2)**

**HAND STITCHERY**

This course will enable students to design and execute three-dimensional projects in fabric and fibre. Techniques such as quilting, canvaswork, tapestry-hooking and machine construction will be explored in relief and soft sculpture. Design themes will be extracted from a variety of sources, including natural, man-made, figurative, humorous and ironic elements. No prerequisite required.

**0:1:2**

**\* General Drawing 117 (2)**

Basic course in drawing relating specific media to appropriate paper and introducing basic drawing problems to perspective, still-life, etc.

**0:1:2**

**\* Life Drawing 117 (2)**

A course in elementary figure drawing, both nude and draped, to include basic proportions, structure, simple anatomy and the expression of form.

**0:1:2**

**\* Photography as an Art 117 (2)**

An examination of photography as a medium of artistic expression including a brief history, a look at some of the current trends, and a discussion of how photography has influenced and shaped contemporary art.

**1:1:1**

**\* Sculpture 117 (2)**

A basic sculpture course in 3-dimensional design with emphasis on practice rather than theory. Various media and subjects will be covered.

**0:1:2**

NOTE: The following studio courses are restricted to students in the Fine Arts Program.

**\* Ceramics 118 (2) and 218 (2)**

This course deals with clays and simple glazes that could be found locally. Techniques of handbuilding and kiln construction are emphasized. The second term deals with clay & glaze theory, kilns, throwing on a wheel and decorating techniques.

**0:1:3**

**\* Ceramics 318 (4) and 418 (4)**

The emphasis is placed upon creative expression with clay to enhance the artistic growth and development of the student. Wheel work and handbuilding skills are further developed.

Prerequisite: Ceramics 218.

**0:2:6**

**\* Composition and Construction 318 (4) and 418 (4)**

A problem-solving, multi-disciplined approach to two and three dimensional design concepts, materials and processes, as they relate to the fabric media. Personal themes and images will be developed from natural and man-made sources, literature and fantasy.

**0:2:6**

**\* Design 118 (2) and 218 (2)**

These courses acquaint the student 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 the student with opportunities to recognize and use each of the design elements.

**0:1:3**

**\* Design 318 (2) and 418 (2)**

These advanced design courses emphasize the resynthesis of the design elements into a totality. Composition, abstraction, stylization and decoration are studied in depth. Images and themes will be developed from personal observation, imagination and exploration with pencil, ink and collage.

Prerequisite: Design 218

**0:1:3**

**\* Drawing 118 (2) and 218 (2)**

The emphasis will be on drawing as a visual thinking process, as preparatory work for painting, sculpture, or printmaking, and as a complete and meaningful statement in itself. During the year, the student will work with a variety of drawing media and from a wide range of subject possibilities.

**0:1:3**

**\* Drawing 318 (2) and 418 (2)**

Extension of the experience in Drawing 218. Emphasis is placed upon problems and media related to a personal form of expression.

Prerequisite: Drawing 218

**0:1:3**

**\* Painting 118 (2) and 218 (2)**

Introduction to Painting through the exploration of various techniques and a study of aesthetic and conceptual problems.

**0:1:3**

**\* Painting 318 (4) and 418 (4)**

Extension of experience in painting from life, objects and nature. Colour studies are based on abstract themes and ideas. Students are encouraged to find their own individual form of expression.

Prerequisite: Painting 218

**0:2:6**

**\* Printmaking 318 (4) and 418 (4)**

The aim of the program is to involve the student in the discovery of ideas as well as simple printmaking techniques.

**0:2:6**

**\* Sculpture 118 (2) and 218 (2)**

The primary objective of this course is to provide the student with a sculptural experience as well as instructing the student in sculptural skills. In the second term the student is allowed to explore materials while acquiring new skills as the need arises.

**0:1:3**



**\*Sculpture 318 (4) and 418 (4)**

Courses in advanced sculpture to incorporate further acquisition of skills in the search for personal form and space.

Prerequisite: Sculpture 218.

**0:2:6**

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## NURSING COURSES

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These courses are restricted to the student enrolled in the nursing program.

**\*Nursing 135 (5) and Nursing 138 (4)**

Nursing 135/138 focuses on the study of how the average individual meets his needs in daily living throughout the life cycle.

Learning activities emphasize the nursing behaviours which help the individual achieve his potential in health. Learning experiences are provided in the college classroom and laboratory, extended care units and/or in the community.

**5:0:12**

**\*Nursing 235 (5) and Nursing 238 (4)**

Nursing 235/238 focuses on the study of how selected individuals respond to specific health problems in any phase of the life cycle. Learning activities emphasize the nursing behaviours which help these individuals maintain and protect their health. Learning experiences are provided in the college classroom and laboratory, the community and/or maternity settings.

Prerequisites: Nursing 135/138, Biology 121, and Psychology 117.

**5:0:12**

**\*Nursing 335 (5) and Nursing 338 (4)**

Nursing 335/338 focuses on the study of how selected individuals in any phase of the life cycle respond to problems of illness/disability or the treatment thereof in meeting their needs for protection or nutrition.

Learning activities emphasize the nursing behaviours which help those individuals who require restorative aspects of care, who require help in some aspects of daily living, and who are learning to overcome limitations of self-care related to these two needs. Learning experiences are provided in the college classroom and laboratory, community agencies and medical and surgical hospital units.

Prerequisites: Nursing 235/238, Biology 221, and Psychology 325.

**5:0:12**

**\*Nursing 435 (5) and Nursing 438 (5)**

Nursing 435/438 focuses on the study of how selected individuals in any phase of the life cycle respond to problems of illness/disability or the treatment thereof in meeting their needs for security, sexuality, or elimination. Learning activities emphasize the nursing behaviours which help those individuals who require restorative aspects of care,

who require help in some aspects of daily living, and who are learning to overcome limitations of self-care related to the above needs. Learning experiences are provided in the college classroom and laboratory, community agencies, and psychiatric and pediatric hospital units.

Prerequisites: Nursing 335/338, Biology 321, and Pharmacology 215.

**5:0:15**

**\*Nursing 535 (5) and Nursing 538 (7)**

Nursing 535/538 focuses on the study of how selected individuals in any phase of the life cycle respond to problems of illness/disability or the treatment thereof in meeting their needs for oxygen or activity. Learning activities emphasize the nursing behaviours which help those individuals who require restorative aspects of care, who require help in some aspects of daily living, and who are learning to overcome limitations of self-care related to the above needs. Learning experiences are provided in the college classroom and laboratory, community agencies, and medical and surgical units.

Prerequisites: Nursing 435/438, and Biology 421.

**5:0:22**

**\*Nursing 648 (15)**

Nursing 648 focuses on the application of previously learned knowledge and skills to help a group of individuals respond positively to problems of illness/disability or the treatment thereof throughout the life cycle. As well, the student learns to co-ordinate the activities of one or two auxiliary health team member(s).

Prerequisite: Nursing 535/538.

**0:2:28**

**\*Nursing 195 (3)**

This number is 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 Nursing 195 offerings will be made by Calendar Supplement.

Prerequisites will be announced by special bulletin.

**\*Pharmacology 215 (3)**

This course is designed for Nursing students and will provide a working knowledge of the basic drug classifications, the physiology of drug actions, major drug and food interactions, and the nursing implications related to the administration of drugs.

Prerequisites: Nursing 235/238 and Biology 221.

**3:1:0**

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## PHYSICAL EDUCATION (P.E.) AND RECREATION (REC.) COURSES

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The Physical Education and Recreation Department offers a variety of courses designed to meet the different needs of the student population. In addition to the College courses in Physical Education and Recreation listed in this calendar there are extensive extracurricular



recreational opportunities for students through Intramurals, Athletics and free facility times. Individual day lockers, shower facilities, and towel service are available.

Each of the following areas of instruction, and their courses, apply to *specific* college programs of study.

### **Service Program Activity Courses**

The following courses are intended to provide opportunities for healthful and enjoyable recreation for all College students, regardless of their program of studies. Students may enrol in one service program activity course in each term, as part of their total program. Students are also urged to utilize Intramural Activities and Intercollegiate Athletics for recreational activity to balance their academic work. Service Program Activity Courses carry College credit only.

All courses are not necessarily offered in any given term. Regular attendance and participation are essential course requirements.

#### **\*Physical Education 112 (1)**

##### **PHYSICAL FITNESS**

An introduction to personal physical fitness development. While the course is principally geared to mild but continuous and progressive exercise, opportunity for higher levels of performance can be provided. Some individual fitness testing is conducted to indicate personal fitness levels and fitness programs. Attendance and participation are the major course evaluative criteria.

**0:0:2**

#### **\*Physical Education 113 (1)**

##### **GOLF**

This course provides opportunities for developing personal golf skills at a variety of levels. Attempts are made to provide some visits to pitch and putt and regulation golf courses. Costs for such optional visits are borne by the student. Attendance and participation are the major course evaluative criteria.

**0:0:2**

#### **\*Physical Education 114 (1)**

##### **BADMINTON**

Instruction is provided in badminton skills, knowledge, tactics, strategies and game courtesies at the beginner and advanced levels. In-class tournaments and Intramural competitions are offered for playing skills improvement. Attendance and participation are the major course evaluative criteria.

**0:0:2**

#### **\*Physical Education 116 (1)**

##### **SWIMMING**

Opportunities for developing personal swimming skills at a variety of levels are provided in a nearby pool. Students may elect to attempt R.L.S.S. or C.R.C.S: proficiency awards where feasible. Attendance and participation are the major course evaluative criteria.

**0:0:2**

#### **\*Physical Education 124 (1)**

##### **TENNIS**

Instruction in tennis skills at the beginner level is provided. In-class tournaments and Intramural competitions are offered near the end of the term. Attendance and participation are the major course evaluative criteria.

**0:0:2**

#### **\*Physical Education 125 (1)**

##### **INDIVIDUAL AND DUAL ACTIVITIES**

This course provides opportunities for the learning of, and participation in, a variety of recreational activities that can be enjoyed as an individual or with a partner. Students may choose to emphasize participation in one or all activities wherever possible. Attendance and participation are the major course evaluative criteria.

**0:0:2**

### **Professional Activity Courses**

The following courses are intended for those students who are considering a career in Physical Education and/or Recreation through the Recreation Leadership Career Program or through a university transfer program. Each of the following activity courses has considerable theory in its content dealing with leadership and teaching methodology.

All students specializing in Physical Education and/or Recreation may count up to four credit hours of Professional Activity courses for a University Transfer Program each term and up to six credit hours of Professional Activity Courses for the Recreation Leadership Diploma each term. Program planning should be done with the Counselling department and Physical Education and Recreation Faculty. Required courses for students enrolled in certain career programs are arranged within the respective departments.

#### **(a) Recreation Activity Courses**

##### **▲\*Recreation 130 (2)**

##### **INTRODUCTION TO DANCE**

A composite course in ballroom, folk and square dancing with emphasis upon fundamentals of dance, applications and roles of dance in physical education and recreation programs. Organization and presentation techniques for the teaching of dance are also stressed.

**1:0:2**

##### **▲\*Recreation 131 (2)**

##### **BALLROOM DANCING**

Figures and techniques of waltz, fox-trot, rhumba, samba and tango with emphasis upon teaching methods for beginning and advanced ballroom dance skills.

**1:0:2**

##### **▲\*Recreation 132 (2)**

##### **FOLK DANCE**

Techniques of folk dances of various countries. Stress is on performance and teaching methods.

**1:0:2**



▲\*Recreation 133 (2)

SQUARE DANCE

Square dance and couples dances; calling and teaching methods.

1:0:2

▲\*Recreation 134 (2)

CONTEMPORARY DANCE

Introductory study of movement as a communicative art. Movement vocabulary, sequences, compositions, drama improvisations, directive methods.

1:0:2

\*Recreation 135 (2)

COMMUNITY ARTS I

An approach to creative expression through various media. Emphasis geared toward children (pre-school-twelve years).

0:0:3

\*Recreation 136 (2)

COMMUNITY ARTS II

The use of music and rhythms as a complementary or basic medium for various activities; analysis of music fundamentals and their application to various recreational settings.

0:0:3

\*Recreation 137 (2)

COMMUNITY ARTS III

Basic training in acting; the development of skills in the theatre arts and their application in various recreational settings.

0:0:3

\*Recreation 140 (2)

COMMUNITY ARTS IV

Arts and crafts for teens, adults, elderly and handicapped; their application as therapeutic or rehabilitative media for various handicapped persons. Emphasis is on the teaching methods for such activities and the contribution of these activities to the individual's well being.

0:0:3

▲\*Recreation 141 (2)

SOCIAL RECREATION

Program planning, teaching methods and techniques. Emphasis is on social aspects of recreation as the primary motivating factor.

1:0:2

▲\*Recreation 142 (2)

OUTDOOR RECREATION I

A study of the various natural settings as potential recreation resources and analysis of possible outdoor recreation activities in these environments. Development of outdoor recreational skills and exploration of natural resources within and near urban areas for recreation programming. A short term residential camp experience is a component of the course and its evaluation.

1:0:2

▲\*Recreation 143 (2)

OUTDOOR RECREATION II

The development of skills, knowledge and appreciations for outdoor recreation in winter and alpine environments involving coastal and interior situations. A three to seven day field trip is a component of the course and its evaluation.

1:0:2

## **(b) Physical Education Activity Courses**

\*Physical Education 130 (2)

CREATIVE MOVEMENT

A basic course in exercise to music. Emphasis on fitness, posture and movement.

0:0:3

▲\*Physical Education 132 (2)

EXERCISE MANAGEMENT

Exercise programs, conditioning principles and exercise, fitness assessment techniques, methods and techniques of program adaptation.

1:0:2

▲\*Physical Education 133 (2)

GOLF

A basic course emphasizing the development of skills in all phases of the game, comprehension of rules, etiquette and terminology, application and roles of golf in physical education and recreation programs, and the development of teaching techniques.

0:0:3

▲\*Physical Education 134 (2)

TENNIS

Instruction in the basic skills, strokes, rules, etiquette and tactics. An application of biomechanical principles in stroke analysis and development of a variety of teaching methods are emphasized. Consideration will be given to the role of tennis in physical education and recreation programs as well as the conducting of tournaments and clinics.

0:0:3

▲\*Physical Education 136 (2)

WRESTLING

The fundamentals of wrestling, teaching techniques and basic coaching.

1:0:2

\*Physical Education 137 (2)

PHYSICAL FITNESS AND RECREATION PERSPECTIVES ON HEALTH

This course is offered primarily for Nursing students. It is designed to develop an understanding of the physiological adaptations of the body to physical activity and to become familiar with procedures to assess personal fitness. Opportunity to participate in a variety of fitness programs and recreational activities will be provided to attain and/or maintain a desired fitness level.

1:0:2

▲\*Physical Education 140 (2)

TRACK AND FIELD

The fundamentals of various track and field events, teaching and coaching methods.

1:0:2



▲\*Physical Education 142 (2)

SOCCER

Instruction in the basic skills, rules, tactics, teaching methods, coaching techniques and training techniques of Soccer. 1:0:2

▲\*Physical Education 143 (2)

RUGBY

Principles and instruction in the basic skills, rules, tactics, teaching methods and training techniques of rugby football. 1:0:2

▲\*Physical Education 144 (2)

BADMINTON

Instruction in the basic skills, strokes, rules, scoring, strategy, systems and game courtesies. Singles and doubles tournaments will be conducted. Emphasis is on *Skills development* and teaching techniques. 1:0:2

▲\*Physical Education 145 (2)

BASKETBALL

Fundamentals, basic drills, simple offensive tactics, team offense and defence, rules, practice organization, teaching techniques, coaching and officiating techniques. 1:0:2

▲\*Physical Education 146 (2)

GRASS HOCKEY

Instruction in the basic skills, rules, tactics, teaching methods, coaching techniques and training techniques of grass hockey. 1:0:2

▲\*Physical Education 147 (2)

VOLLEYBALL

Basic skills, rules, team tactics (offensive and defensive), teaching, coaching and officiating techniques. 1:0:2

▲\*Physical Education 151 (2)

EDUCATIONAL GYMNASTICS

Instruction through an individualized approach to movement learning utilizing floor and apparatus activities. Emphasis is on teaching methods, curriculum analysis, and versatility of instructional environments. 1:0:2

▲\*Physical Education 152 (2)

ARTISTIC GYMNASTICS

Instruction in skills development, progressions and competency levels utilizing trampoline, tumbling, floor exercises, rings, pommel horse, parallel bars, vaulting and high bar apparatus. Emphasis is upon performance skills and instructional and safety techniques. 1:0:2

▲\*Physical Education 153 (2)

ACTIVE PLAY

Theoretical aspects of play interests, values, outcomes, influences of sex and age upon play. Participation in, and development of, a reper-

toire of games, contests and relays. Teaching methods and procedures and their application to school physical education programs and *community recreation programs*. 1:0:2

▲\*Physical Education 156 (2)

AQUATICS I

This course emphasizes practical swimming ability and life saving skills and theory through coverage of both the Red Cross Senior Swimmer Award and the R.L.S.S. Bronze Medallion Award. Introduction to all other aspects of aquatics such as competitive, synchronized and recreational swimming as well. Students must attain the Red Cross Senior Level for successful completion of the course. 1:0:2

## Professional Theory Courses

The following courses are intended only for those students who are considering a career in Physical Education and/or Recreation through the Recreation Leadership Career Program or through a university transfer program. All courses are not offered each term and students should consult the counselling department and the Physical Education and Recreation faculty for program planning.

### (a) Recreation Theory Courses

▲\*Recreation 160 (3)

FOUNDATIONS OF RECREATION

An introduction to recreational philosophy, ethics, standards, organizations and programs. 3:0:0

\*Recreation 162 (3)

INTRODUCTION TO RECREATION FACILITIES OPERATIONS

An introduction to the operations of selected recreation facilities including an overview of governmental involvement and regulations, principles of programming, staffing, fiscal planning, concessions and maintenance procedures. 2:1:0

\*Recreation 163 (3)

RECREATION MANAGEMENT FUNDAMENTALS

An introduction to some aspects of the responsibilities of, and procedures available to the professional recreation manager. Focus is upon individual and group decision processes as these affect organizational structure, personnel management, financial and budgeting management, the management of volunteers, legal aspects of recreation and marketing, and advertising and program promotion. 3:0:0

\*Recreation 164 (3)

PARKS AND PLAYGROUNDS PROGRAMS

Philosophy and practices of various programs, problems in program implementation and program design for various age groups, and study of related areas, facilities and equipment. 3:0:0



**\* Recreation 165 (3)**

**SURVEY OF THERAPEUTIC RECREATION**

Introduction to the history, philosophy, objectives and scope of Therapeutic Recreation. Analysis of the etiology, symptoms, prognosis of a variety of physical, mental, behavioural, social and sensory disabilities. Familiarization with recreational and leisure services available to persons handicapped by their disabilities.

**3:0:0**

**\* Recreation 166 (3)**

**THERAPEUTIC RECREATION LEADERSHIP**

Analysis and application of the principles and techniques used in program preparation, delivery, and evaluation. Emphasis placed on adaptations to activities, facility, equipment, and materials; behaviour controls. View to future developments.

**3:0:0**

**\* Recreation 167 (3)**

**CAMPING PROGRAMS AND LEADERSHIP**

Philosophy and practices of the various camping organizations and camp programs. Emphasis is on camp leadership and future developments in this field.

**3:0:0**

**\* Physical Education and Recreation 195 (3) and 295 (3)**

These numbers are reserved for Physical Education and Recreation courses that may be offered from time to time by:

(a) College Physical Education and Recreation Faculty who may wish to present a course in their specialty which may be of limited interest; or

(b) Visiting Physical Education and Recreation Lecturers.

Announcements regarding Physical Education and Recreation 195 offerings will be made by Calendar Supplement.

Prerequisites will be announced by special bulletin.

**3:0:0**

**\* Recreation 362 (3)**

**LEADERSHIP METHODS**

Fundamentals of group and individual interaction, supervisory techniques and methods of evaluation.

**3:0:0**

**▲ \* Recreation 461 (3)**

**PERSONAL AND COMMUNITY HEALTH AND SAFETY STANDARDS AND PRACTICES**

Desirable health practices, health and safety standards and testing methods, prevention of accidents in programming, liability, and basic first aid (St. John).

**3:0:0**

**\* Recreation 479 (15) — Graded S/U (See page 11)**

**RECREATION INTERNSHIP**

Approved field work assignments during the fourth term in recreation settings in the community. Field work training will consist of a twelve week practicum preceded by a one week orientation period and a final one week of evaluation. Course requirements will include specific assignments and seminars (see Internship Manual).

**1:4:30**

**(b) Physical Education Theory Courses**

**▲ \* Physical Education 160 (3)**

**INTRODUCTION TO PHYSICAL EDUCATION**

Professional orientation, basic philosophy, and objectives; professional qualifications, opportunities, responsibilities and obligations.

**3:0:0**

**▲ \* Physical Education 171 (3)**

**INTRODUCTION TO SPORTS MEDICINE**

Basic anatomy and physiology, common athletic injuries and treatment methods for these injuries. Introduction to sports medicine with field trips to various treatment centres. Theory and practical sessions in the application of preventative, treatment and rehabilitative procedures.

**3:0:0**

**▲ \* Physical Education 256 (3)**

**AQUATICS II**

This course is designed to prepare students to teach swimming. The course incorporates the content of the Red Cross Instructor course and analyzes the role of aquatics in Physical Education and Recreation. Equal emphasis on teaching methodology, theory and practical swimming ability.

Prerequisites: Current (within the last two years) R.L.S.S. Bronze Medallion Award and Red Cross Water Safety Leader Award. (Application to the department can be made for mature student exemption of the Leader Award.)

**2:0:1**

**▲ \* Physical Education 257 (3)**

**AQUATICS III**

The organization and administration of various aquatic programs and meets as well as programs for the handicapped.

Prerequisite: Physical Education 156 or 256.

**2:0:1**

\* See Diploma Requirements (page 8).

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**ENGLISH (ENG) AND COMMUNICATIONS  
(COMMUN) COURSES**

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**Non-Credit Course in English**

**English 109 (0)**

**READING DEVELOPMENT**

English 109 is a course for students who wish to increase their reading speed while improving comprehension and retention. Lectures on efficient time scheduling, note-taking, and examination techniques are included. One noon hour lecture and two one-hour laboratory periods per week are required.

**1:0:2**



## **First Year English Courses**

NOTE: Students wishing to earn first year transfer credit in college English are required to complete one of the following first semester courses (English 127 or English 137) AND one of the following second semester courses (English 216, English 217, English 218). The two courses required to complete first year English credit may NOT be taken in the same semester.

### **First Semester Courses:**

#### **English 107 (3)**

##### **LANGUAGE AND COMPOSITION**

This is a course designed for students at the post-secondary level who require additional training in the fundamental skills of reading and writing. The course covers both oral and written communication, but places special emphasis on reading and composition. Students with below standard scores on the English Placement Test will be required to take English 107 before proceeding to a first semester credit course in English. This course does not carry transfer credit to other institutions.

**5:0:0**

#### **English 127 (3)**

##### **ESSAYS AND ESSAY WRITING**

This is a course in the theory and practice of writing essays of various kinds. It is concerned specifically with establishing a standard for what good prose should be, and then defining the purpose, limitations, and conventions related to several different types of essays — the narration, the exposition, the literary paper, the research essay, the report. Literary selections are studied in relation to the literary paper.

Prerequisite: Eng. 12, CV 81/91, Eng. 107, or equivalent. **3:1:0**

#### **English 137 (3)**

##### **INTRODUCTION TO CONTEMPORARY LITERATURE**

English 137 is an introduction to several genres of literature — the short story, the poem, the play, the novel, and so on. In addition, there will be a considerable emphasis on composition, with writing assignments related to the literary works studied.

Prerequisite: Eng. 12, CV 81/91, Eng. 107, or equivalent. **3:1:0**

### **Second Semester Courses:**

#### **English 216 (3)**

##### **MODERN PROSE FICTION**

A study of short stories and novels, mainly from the Twentieth Century. Term papers will be an important part of the course work.

Prerequisite: Eng. 127 or Eng. 137. **3:1:0**

#### **English 217 (3)**

##### **CONTEMPORARY POETRY**

A study of selected poems, mainly from the Twentieth Century. Term papers will be an important part of the course work.

Prerequisite: Eng. 127 or Eng. 137. **3:1:0**

#### **English 218 (3)**

##### **MODERN DRAMA AND FILM**

A study of the elements and techniques of modern dramatic literature and film. Term papers will be an important part of the course work.

Prerequisite: Eng. 127 or Eng. 137. **3:1:0**

NOTE: In a normal semester, one of the above first semester courses and one of the above second semester courses will be offered by cassette correspondence. See the term supplement for details.

### **First Year English Options.**

NOTE: The following two pairs of courses may be taken for *unsigned credit* in either first or second year. Eng. 181 and 281 go together, as do Eng. 126 and 226.

#### **English 181 (3)**

##### **HISTORY OF DRAMA AND THEATRE, PART I**

This course offers a study of drama and theatre history of the Primitive, Greek, Roman, Medieval and Renaissance periods. Students enrolled in the course will be given a choice of written and/or oral assignments.

Prerequisite: Eng. 12, CV 81/91, Eng. 107, or equivalent. **3:1:0**

#### **English 281 (3)**

##### **HISTORY OF DRAMA AND THEATRE, PART II**

This course offers a study of drama and theatre history of the Restoration, and the Eighteenth, Nineteenth and Twentieth Centuries. Students enrolled in the course will be given a choice of written and/or oral assignments.

Prerequisite: Eng. 181 or permission of the department. **3:1:0**

#### **English 126 (3)**

##### **INTRODUCTION TO LINGUISTICS: DESCRIPTIVE**

English 126 is a study of modern linguistic theory, with special attention given to the forms and ideas of generative grammars. The study will cover such areas as the nature and acquisition of language, language usage, phonology, semantics, and syntax.

Prerequisite: Eng. 12, CV 81/91, Eng. 107, or equivalent. **3:1:0**

#### **English 226 (3)**

##### **INTRODUCTION TO LINGUISTICS: HISTORICAL**

English 226 is a study of the history and development of the English language from the Old English Period to the present time. Attention is given to the changes that have occurred in sounds, spellings, forms and syntax, as well as to the ways in which the language has been enriched in its vocabulary.

Prerequisite: Eng. 126 or permission of the department. **3:1:0**



### English 195 (3)

This number is 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 offerings will be in the term schedule.

Prerequisites: Announced by special bulletin.

3:1:0

## Second Year English Courses.

NOTE: Students in second year may choose either or both of the following two pairs of courses: English 323 combined with English 424; or English 325 combined with English 327. Students planning to major in English, either in the Arts Faculty or in the secondary division of the Faculty of Education at the University of British Columbia, are required to take the English 323-424 combination. All other students may choose either. Both combinations may be taken for credit, and both pairs of courses may be taken in the same semester. Combinations such as English 323 and English 325, or English 424 and English 327 are also accepted as second year credit, although not as a prerequisite to an English major.

### English 323 (3)

#### SURVEY OF ENGLISH LITERATURE, PART I

This course introduces students to the range and tradition of Medieval and Renaissance English literature by focusing on major authors and literary forms. Term papers are required.

Prerequisite: Eng. 216, 217, 218, or equivalent.

3:1:0

### English 424 (3)

#### SURVEY OF ENGLISH LITERATURE, PART II

This course explores a range of English literature by focusing on major authors from the Restoration, the Eighteenth Century, the Romantic Period and the Victorian Age. Term papers are required. (English 424 is usually preceded by English 323, but it can be taken either before or along with English 323.)

Prerequisite: Eng. 216, 217, 218, or equivalent.

3:1:0

### English 325 (3)

#### CANADIAN LITERATURE

A one semester course in Canadian literature with special attention given to contemporary fiction and/or poetry. Term papers required.

Prerequisite: Eng. 216, 217, 218, or equivalent.

3:1:0

### English 327 (3)

#### EXPLORING LITERATURE

An intensive examination of one genre, theme, or national literature. Topics to be examined are selected by individual instructors and will vary from semester to semester. Term papers are required, as well as extensive reading. (English 325 and 327 may be taken in either order or both together.)

Prerequisite: Eng. 216, 217, 218, or equivalent.

3:1:0

## Second Year English Option.

### English 326 (3)

#### CREATIVE WRITING: PROSE FICTION

A study of the short story and novel. Emphasis will be on individual student writing in both genres, but the course also includes analysis and discussion of recent and current directions in prose fiction. The student will be expected to complete one average-length short story, and a synopsis of one or two chapters of a novel.

Prerequisite: Eng. 216, 217, 218, or equivalent.

3:1:0

### English 426 (3)

#### CREATIVE WRITING: POETRY AND DRAMA

The term's work will be divided between the two genres, with the emphasis on creative work. The drama section will require the writing of a one act play, either for stage, radio, or television. The poetry will require the writing of a collection of short poems unified in a definable way.

Prerequisite: Eng. 326 or permission of the department.

3:1:0

## Classical Studies Option

### Classical Studies 320 (3)

This course offers, in translation, an introduction to the main authors of classical Greece. Selected readings cover the basic literary genres which originated in Greek literature. Term papers required.

Prerequisite: Completion of a first and second semester course in English.

3:1:0

### Classical Studies 321 (3)

This course offers, in translation, an introduction to the important authors of Roman Literature. Selected readings cover the main literary genres employed by the Romans. Term papers required.

Prerequisite: Completion of a first and second semester course in English.

3:1:0

## Classical Studies

Candidates for the diploma in Arts and Science (Classical Studies) must complete:

1. The requirements of the diploma in Arts and Science, including at least six of the following courses:



At least two courses selected from: Latin 115; Latin 215; and/or Greek 115; Greek 215; the remaining courses from: Anthro 195; Art Hist 114; Classical Studies 320; Classical Studies 321; Hist 111; Hist 211; Hist 113; Phil 101; Rel St 230; and other such relevant courses as may be offered from time to time.

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

### **Communication Courses.**

NOTE: The following four courses are designed for students on one or another of Langara's Career Programs. They carry College credit, but not University transfer credit.

#### **Communication 115 (3)**

##### **INTERPERSONAL COMMUNICATION**

This course offers an explanation of the fundamentals of interpersonal communication theories and practices. Its purpose is to provide the student with information necessary to analyse communication problems and with opportunities to put this knowledge into practice.

Prerequisite: Eng. 12, CV 81/91, Eng. 107, or acceptance into a Career Program. **4:0:0**

#### **Communication 116 (3)**

##### **REVIEW OF SPELLING AND PUNCTUATION**

English 116 is a course especially designed for students on the Court Reporter program; enrollment is, therefore, restricted. It outlines the basic principles of spelling, punctuation and composition, and provides extensive practice in these areas, especially in relation to the needs of court reporting.

Prerequisite: Acceptance into the Court Reporter Program. **4:0:0**

#### **Communication 117 (3)**

##### **ORAL DEVELOPMENT AND LISTENING SKILLS**

This is a course in the development of speaking and listening skills. Emphasis is placed on developing the ability to deliver a variety of oral messages through the use of various vocal techniques such as dynamics, tone, articulation and pronunciation. Persuasive techniques and analytical listening are other areas of concentration.

Prerequisite: Eng. 12, CV 81/91, Eng. 107, or acceptance into a Career Program. **4:0:0**

#### **Communication 118 (3)**

##### **BUSINESS WRITING**

Communication 118 is designed to provide training in writing skills, with the emphasis on Business Communication. It is a course designed primarily for career students, to teach them to write effectively in a particular career context. The intent of the course is to provide students with a basic knowledge of the essential elements of rhetoric, and a familiarity with the main forms of business communication.

Prerequisite: Eng. 12, CV 81/91, Eng. 107, or acceptance into a Career Program. **4:0:0**

## **MATHEMATICS (MATH), COMPUTER SCIENCE AND STATISTICS COURSES**

### **Mathematics 118 (3)**

#### **MATHEMATICS OF FINANCE**

An introduction to the mathematics of finance and investment including simple interest and discount, compound interest, annuities, amortization and sinking funds, depreciation and valuation of investments.

**4:0:0**

### **Mathematics 119 (3)**

#### **MATHEMATICS OF BUSINESS AFFAIRS**

Basic mathematics of everyday business affairs including simple and compound interest, promissory notes, installment buying, cash and trade discounts, loans, mortgages, insurance, investments, and elementary statistics.

**4:0:0**

### **Mathematics 121 (3)**

#### **MATHEMATICS AND STATISTICS FOR REALTY APPRAISAL**

A course designed to provide students in the Realty Appraisal course with a review of basic mathematics and an introduction to business mathematics, annuities, graphs and graphical analysis, and statistics. Course restricted to students in the Realty Appraisal program.

**4:0:0**

### **Mathematics 123 (3)**

#### **BASIC STATISTICAL MEASUREMENT**

Includes: collection, classification, analysis and presentation of numerical data; measures of location and variability; random samples and sampling distributions; estimation of parameters and testing hypotheses.

**4:0:0**

### **Mathematics 131 (3)**

#### **MATHEMATICS FOR COMPUTER SCIENCE I**

An introduction to programming languages and the concept of the stored program computer. Topics will include: number systems, Boolean Algebra, problem-solution arrangement, flow charting, programming, and computer logic. (Not offered every term)

**4:0:0**

### **Mathematics 231 (3)**

#### **MATHEMATICS FOR COMPUTER SCIENCE II**

An extension of some concepts introduced in Mathematics 131 including basic algebra, matrices, recursive relations, iteration techniques, error analysis, and the further study of programming languages. (Spring Term)

Prerequisite: Math 131 or equivalent.

**4:0:0**

### **Mathematics 135 (3)**

#### **COMPUTING SCIENCE I**

Structure, use and significance of digital computers. Concepts of algorithm, program and programming. Principles of program design



using a high level language and a structural approach. Students will prepare and test programs using FORTRAN.

Prerequisite: Math 171 (may be taken concurrently). **4:0:0**

### Mathematics 235 (3)

#### COMPUTING SCIENCE II

A continuation of Math 135 using Algol-W and other languages such as PL I.

Prerequisite: Math 135. **4:0:0**

### Mathematics 150 (3)

#### SELECTED TOPICS IN ALGEBRA

This is a one semester course designed for students whose background in the concepts and skills of modern algebra is insufficient to cope with Mathematics 151. The precise topics to be covered each semester will be determined by the needs of the students registered and will be directly related to the topics covered in Mathematics 151.

Prerequisite: At least 2 years of secondary school mathematics (including algebra). **4:1:0**

### Mathematics 151 (3)

#### FUNDAMENTAL COLLEGE MATHEMATICS I

This course is designed for students who have successfully completed Mathematics 11 or 3 years of academic high school mathematics. Topics include sets and numbers, inequalities, absolute values, co-ordinate systems, functions and their graphical representation, binomial theorem, exponential and logarithmic functions.

Prerequisite: Standing of C or higher in Math 150, Math 11, or Math 071, or equivalent. **4:0:0**

### Mathematics 251 (3)

#### FUNDAMENTAL COLLEGE MATHEMATICS II

Circular functions, applications of circular functions in solving triangles, graphing of circular functions, and conic sections, complex numbers, theory of equations.

Prerequisite: Math 151. **4:0:0**

### Mathematics 153/253 (6)

#### INTRODUCTION TO CALCULUS

This is a two semester course designed to introduce differentiation and integration together with the algebra, trigonometry and geometry required in their applications.

Prerequisite: Math 11 or equivalent. **4:0:0**

### Mathematics 162 (3)

#### FINITE MATHEMATICS I

A presentation of mathematical models in a social, business or biological context and a consideration of specific applied problems in these areas. Covers basic symbolic logic, set theory, counting methods, probability and statistics.

Prerequisites: Math 150 (Langara), Math 11 (High School, B.C.) or equivalent. **4:0:0**

### Mathematics 262 (3)

#### FINITE MATHEMATICS II

A sequel to Math 162, covering matrix methods, applications to linear programming, Markov chains, game theory.

Prerequisites: Math 162 **4:0:0**

### Mathematics 170 (3)

#### PRECALCULUS

This course is designed to review Algebra, Trigonometry and Geometry for students proceeding to Math 171 whose background is too weak to succeed, e.g. for students with a 'P' grade in Math 12, for students from other provinces or other countries, and for students who feel the need for a review semester before proceeding.

Prerequisite: Math 12, or equivalent. **4:0:0**

NOTE: Students requiring the equivalent of first year university calculus are advised to take Mathematics 171 and 271 in their first two semesters.

Students requiring the equivalent of second year university calculus are advised to take Mathematics 371 and 471 or 475 in the third and fourth semesters.

Students proceeding to an honours or major program in Mathematics should check the requirements of the institution to which they plan to transfer. Normally they are advised to take Mathematics 171, 271, 371, and a selection of courses from 471, 373, 361, 461, and 475.

### Mathematics 171 (3)

#### CALCULUS I

This course includes derivatives and integrals of algebraic functions, applications of the derivatives, and plane analytic geometry.

Prerequisite: Standing of C or higher in Math 170, Math 251, Math 12, Math 093 or equivalent. **4:0:0**

### Mathematics 271 (3)

#### CALCULUS II

Topics include integration, applications of the definite integral, differentiation and integration of transcendental functions and special methods of integration, complex numbers, vectors.

Prerequisite: Math 171. **4:0:0**

### Mathematics 181 (3)

#### PROBABILITY AND STATISTICS I

A first course in probability and statistics including: probability theory, descriptive statistics, sampling distributions, hypothesis testing.

Prerequisite: Math 171 or equivalent. **4:0:0**



**Mathematics 281 (3)****PROBABILITY AND STATISTICS II**

Probability, conditional probability, random variables, moments and moment generating functions, discrete distributions including the binomial, hypergeometric and Poisson distribution, continuous distributions including the exponential, uniform, Chi-square and normal distributions, central limit theorem, applications to statistics including sampling, estimation and hypothesis testing.

Prerequisite: Math 271 or equivalent.

**3:0:1****Mathematics 310 (3)****QUANTITATIVE METHODS IN BUSINESS**

Applications of basic mathematics and linear algebra to business administration. Required of all students in the first year Commerce program.

Prerequisite: Math 311 or Math 271 or equivalent.

**4:0:0****Mathematics 311 (3)****BUSINESS APPLICATIONS OF CALCULUS**

Introduction to differential and integral calculus and their applications in business. Required of all students in the first year Commerce program who have not completed a first year calculus course.

Prerequisite: Math 251 or UBC Math 130 or equivalent.

**4:0:0****Mathematics 361 (3)****ALGEBRA I**

Integers, integral domains, fields, vector spaces, polynomial domains, matrices, Euclidean spaces. (Fall Term).

Prerequisite: Math 271.

**4:0:0****Mathematics 461 (3)****ALGEBRA II**

A review of vector space structure and general solution of linear systems, linear combinations, linear dependence and independence, basis and dimensions, matrix algebra, linear transformations, determinants, eigen values and eigen vectors, quadratic forms, inner product spaces. (Spring Term)

Prerequisite: Math 361.

**4:0:0****Mathematics 371 (3)****CALCULUS III**

For students proceeding further with Mathematics or who require a knowledge of calculus at the second year university level for physics, chemistry and other sciences. It includes polar co-ordinates, parametric equations and vectors, solid geometry and vectors, and partial differentiation.

Prerequisite: Math 271.

**4:0:0****Mathematics 471 (3)****CALCULUS IV**

A continuation of Math 371 including multiple integrals — surface area and physical applications of triple integration, infinite series, complex numbers and functions, and differential equations. (Spring Term)

Prerequisite: Math 371.

**4:0:0****Mathematics 373 (3)****ANALYSIS**

Topics include: sequences of reals and their limits, basic topology of the real line, functions of one real variable and their limits, generalization of 1-3 to  $n$  space. (Not offered every Semester.)

Prerequisite: Math 171. Students who have not completed Math 271 are advised to take it concurrently.

**4:0:0****Mathematics 475 (3)****DIFFERENTIAL EQUATIONS**

First order equations; special techniques and applications; second order equations; constant coefficients; homogeneous and non-homogeneous cases and applications; first order systems; basics of linear algebra (matrix algebra, Gauss-Jordan reduction, determinants); power series solutions, Laplace Transforms, Fourier series plus topics selected from linear operators, dependence and independence of solutions. (Spring Term.)

Prerequisite: Math 371.

**4:0:0**

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**MODERN LANGUAGES**

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***French (Fren) Courses*****French 114 (3)****FRENCH IN THEATRE ARTS**

A course intended to provide the basis of good French enunciation, pronunciation and intonation; restricted to students in the Theatre Arts Program.

**2:0:2****French 115 (3) and French 215 (3)****BEGINNERS' COLLEGE FRENCH**

Fundamentals of speaking, reading and writing French; classroom work supplemented by practice in the Language Laboratory.

Introductory course for students with no previous knowledge of French.

Prerequisite for Fren 115: none.

Prerequisite for Fren 215: Fren 115.

**3:0:1**



### French 117 (3) and French 217 (3)

#### INTERMEDIATE FRENCH

First year College French for those who have completed at least three years of French in secondary school, or equivalent.

Prerequisite for Fren 117: Fren 11 or Fren 215 or Fren 061/071.

Prerequisite for Fren 217: Fren 117.

3:0:1

### French 118 (3) and French 218 (3)

#### FRENCH CONVERSATION, LANGUAGE AND LITERATURE

Designed for students who want a less specialized course than either French 119/219 or French 125/225. This course offers a review of grammar, a study of literary texts and practice in conversation. However, those who plan to take French 302/402 or French 329/429 in second year must take French 119/219.

Prerequisite for French 118: French 12 or French 117/217.

3:0:1

Prerequisite for French 218: French 118.

### French 119 (3) and French 219 (3)

#### FRENCH LANGUAGE AND LITERATURE

A course consisting of literature, grammar and oral and written composition for students who plan advanced study in the French Language.

Prerequisite for Fren 119: Fren 12 or Fren 83/93 or equivalent.

Prerequisite for Fren 219: Fren 119.

4:0:0

### French 125 (3) and French 225 (3)

(Formerly French 325 and French 425)

#### CONVERSATIONAL FRENCH

A conversational approach to French culture.

Prerequisite for Fren 125: Fren 12, Fren 217, Fren 215 with permission of the Department.

Prerequisite for Fren 225: Fren 125.

This course may be taken in the first year of college.

4:0:1

### French 302 (3) and French 402 (3)

#### ADVANCED FRENCH LANGUAGE AND COMPOSITION

Emphasis is on composition and translation. Classes are conducted entirely in French. This course is to be taken by all students intending to proceed to third year French programs at university.

Prerequisite for French 302: French 219 or equivalent.

3:0:1

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.

Prerequisite for French 329: French 219 or equivalent.

3:0:1

Prerequisite for French 429: French 329 or equivalent.

## German (Germ) Courses

### German 114 (3)

#### GERMAN IN THEATRE ARTS

A course intended to provide the basis of good German enunciation, pronunciation and intonation; restricted to students in the Theatre Arts Program.

2:0:2

### German 115 (3) and German 215 (3)

#### BASIC GERMAN

Fundamentals of speaking, reading and writing German. Classroom work is supplemented by practice in the language laboratory.

Introductory courses for students with no previous knowledge of German.

Prerequisite for Germ 115: none.

Prerequisite for Germ 215: Germ 115.

3:0:1

### German 119 (3) and German 219 (3)

#### INTERMEDIATE GERMAN

Consists of a thorough review of language structure and grammar plus oral, written and idiomatic German based on the study of modern short stories, and dialogues.

Prerequisite for Germ 119: Germ 215, Germ 11 and 12 or equivalent, or permission of the Department.

Prerequisite for Germ 219: Germ 119.

3:1:0

### German 329 (3) and German 429 (3)

#### ADVANCED GERMAN

A study of excerpts from German literature from 18th, 19th and 20th centuries with oral and written practice. (Not offered in 1979/80).

Prerequisite for Germ 329: Germ 219 or equivalent or permission of the Department.

Prerequisite for Germ 429: Germ 329.

3:1:0

## Spanish (Span) Courses

### Spanish 115 (3) and Spanish 215 (3)

#### BASIC SPANISH

Beginners' courses in oral and written language; a prerequisite to the concentrated study of Spanish. Introductory courses for students who have no previous knowledge of Spanish.

Prerequisite for Span 115: none.

Prerequisite for Span 215: Span 115.

3:0:1

### Spanish 119 (3) and Spanish 219 (3)

#### INTERMEDIATE SPANISH

Oral and written practice including composition and grammar review; and the reading of selected contemporary authors in the Spanish language.

Prerequisite for Span 119: Span 215, or equivalent, or permission of the Department.

Prerequisite for Span 219: Span 119.

3:0:1



## PHYSICAL AND LIFE SCIENCES

### Science Courses

#### Science 118 (3)

##### SCIENCE IN THE NEWS

A non-laboratory course designed for students who are not planning to specialize in science but who desire some understanding of what science is about. The content is centred around current issues in the biological and physical sciences. Special effort is made to select topics of concern to the class.

3:1:0

#### Science 150 (3)

##### SCIENCE FOR TEACHER ASSISTANTS I

This course is designed for students enrolled in the Teacher Assistant Program. It is structured to give students practical experience in laboratory techniques and procedures in Biology, Chemistry and Physics.

4:0:0

#### Science 250 (3)

##### SCIENCE FOR TEACHER ASSISTANTS II

This is a second course designed for students in the Teacher Assistant Program. It is structured to give students practical experience in laboratory techniques and procedures as they are carried out in the secondary schools.

Prerequisite: Science 150.

4:0:0

#### Science 160 (3)

##### TECHNICAL SCIENCE

This course discusses the basic physics, chemistry and microbiology of foods and food products. The course deals with the problems involved in food sanitation from producer to consumer. The microbial contamination of food by the environment and by the handler and the possible side effects on the consumer are studied in detail.

3:1:0

#### Science 195 (3)

This number is reserved for Science courses that may be offered from time to time by:

- College Science Faculty who may wish to present a course in their specialty which may be of limited interest; or
- Visiting Science Lecturers.

Announcements regarding Science 195 offerings will be made in the term schedule.

Prerequisites will be announced by special bulletin.

#### Science 295 (3)

A continuation of Science 195 for those special courses that may be too long to be accommodated within a single semester.

Announcements regarding Science 295 offerings will be made in the term schedule.

Prerequisites will be announced by special bulletin.

#### Science 360 (3)

##### PHOTOGRAPHIC SCIENCE

Selected topics from the sciences chosen with reference to their application to photography.

Prerequisite: Completion of two terms of the Photography Technician Program.

4:0:0

### Biology (Biol) Courses

#### Biology 115 (3)

##### GENERAL BIOLOGY I

An introduction to cell structures, physical and chemical properties of living matter, photosynthesis, respiration, excretion, nutrition, transport, hormonal control and reproduction.

Prerequisites: Biol 11, Biol 071 or equivalent, a background in Chemistry is desirable.

3:1:2

NOTE: students with no previous biology may register in Biology 115.

4:1:2

#### Biology 116 (3)

##### CONCEPTS IN BIOLOGY I

Biology 116/216 satisfies laboratory science requirements for most Arts students not planning to go on in science.

Emphasis is on man, and stresses applications of biology so that students may better understand and cope with a contemporary world. Major topics are human systems, metabolism, energy relations, reproduction and development.

3:1:2

#### Biology 150 (3)

##### HUMAN BIOLOGY

A non-laboratory course for students not majoring in science, dealing with the structure and functions of the human body. The course consists of lectures, seminars, and demonstrations. Recommended for Physical Education and Recreation students.

3:1:0

#### Biology 151 (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.

4:0:0



### Biology 160 (3)

#### HUMAN PHYSIOLOGY

The fundamentals of human physiology; a course covering all systems of the body; primarily for students in the Food Services Program. **3:1:0**

### Biology 180 (3)

#### ECOLOGY: MAN AND HIS ENVIRONMENT

A course for students not majoring in the biological sciences. Problems of environmental conservation and resource management will be studied and field trips to local areas will be undertaken. (Not offered every year) **3:0:3**

### Biology 215 (3)

#### GENERAL BIOLOGY II

A comparative study of the skeletal, muscular, nervous, and reproductive systems; modern principles of development, genetics, ecology, evolution and a review of the major phyla.

Prerequisite: Biol 115 or equivalent.

**3:1:2**

### Biology 216 (3)

#### CONCEPTS IN BIOLOGY II

Science for Arts majors, see Biology 116 — contemporary aspects of ecology, population, pollution, genetics and evolution are major topics.

Prerequisite: Biology 116 or equivalent.

**3:1:2**

NOTE: Some courses at the 300 and 400 levels may not be offered every year.

### Biology 315 (3)

#### CELL BIOLOGY I

A study of the biochemistry and function of cells and cell components. Experimental techniques employed in cellular research will be discussed.

Prerequisite: Biol 215; Chem 215 or 216 and Chem 316. Chem 316 may be taken currently.

**3:1:3**

### Biology 330 (3)

#### INTRODUCTION TO GENETICS

The principles of inheritance including Mendelian and non-Mendelian; the chemical nature of the gene, gene structure and function; the heredity of bacteria, viruses and higher organisms, including man.

Prerequisite: Biol 215 or equivalent.

**3:1:2**

### Biology 340 (3)

#### BOTANY: PLANT PHYSIOLOGY AND ANATOMY

Lectures and laboratories dealing with the structure and physiology of higher plants, including water relations, metabolism, and environmental factors influencing growth. (Not offered every year.)

Prerequisite: Biol 215 or equivalent.

**3:1:2**

### Biology 350 (3)

#### VERTEBRATE ANATOMY

Comparative anatomy of the vertebrates with emphasis on man — a survey of the evolution, development and morphology of organ systems. Representative forms will be dissected.

Prerequisite: Biol 215 or equivalent.

**3:1:3**

### Biology 360 (3)

#### ADVANCED HUMAN PHYSIOLOGY

A lecture and laboratory course dealing with blood, circulation, nerve-muscle physiology, the nervous system, and kidney function; for students in nursing and students proceeding to advanced work in the biological sciences.

Prerequisite: Biol 215 or equivalent.

**3:1:2**

#### NOTE:

(1) Chem 215 or 216 is desirable but not mandatory.

(2) Students are advised to take Biol 350 concurrently with this course when both are offered in the same semester.

### Biology 370 (3)

#### MICROBIOLOGY I

A course dealing with general microbiology designed for those continuing in biological sciences. Topics include microbial taxonomy, physiology, morphology and biochemistry.

Prerequisite: Biol 215 or equivalent.

**3:1:3**

### Biology 380 (3)

#### FIELD ECOLOGY

Ecology of terrestrial and aquatic communities native to British Columbia. Specific management and conservation techniques will be studied. Course topics include energetics, animal and plant populations, distribution, abundance, life history and adaptations. Field trips during laboratory hours will be required.

Prerequisite: Biol 215 or equivalent.

**3:1:3**

### Biology 415 (3)

#### CELL BIOLOGY II

A detailed study of cell structures.

Prerequisites: Biol 315, Chem 316 and 416. Chem 416 may be taken concurrently.

**3:1:0**

NOTE: Students taking Chem 416 concurrently are advised that credit for Biol 415 will be withheld until Chem 416 has been completed successfully.

### Biology 460 (3)

#### ADVANCED HUMAN PHYSIOLOGY II

A lecture and laboratory course dealing with respiration, digestion, metabolism, the endocrine glands, reproduction, and the special senses; for students in nursing and students proceeding to more advanced work in the biological sciences.

Prerequisite: Biol 360.

**3:1:2**



### Biology 470 (3)

#### MICROBIOLOGY II

Topics include medical microbiology, microbial genetics, virology, immunology and industrial microbiology.

Prerequisite: Biol 370.

3:1:3

**The following courses are limited to students in the V.C.C. Nursing Program.**

### Biology 121 (3)

#### ANATOMY AND PHYSIOLOGY FOR NURSING I

Physiological principles, homeostasis, the cell, tissues, blood, reticulo-endothelial system, immune processes, lymphatic system, heart and circulation, skeletal muscles, and the skeleton, respiratory and excretory systems, acid base balance and electrolyte balance. Biology 121 and 221 include pertinent aspects of physics and chemistry.

3:1:2

### Biology 221 (3)

#### ANATOMY AND PHYSIOLOGY FOR NURSING II

Nervous system, sense organs, digestive, endocrine and reproductive systems, gametogenesis, development, fetal physiology and genetics.

Prerequisite: Biol 121.

3:1:2

### Biology 321 (3)

#### PATHOLOGY I

Principles of microbiology and pathology pertaining to the study of harmful bacteria and micro-organisms.

Prerequisites: Biol 221.

3:1:0

### Biology 421 (3)

#### PATHOLOGY II

Principles of the development of common pathological processes as they affect the human body.

Prerequisite: Biol 321.

3:1:0

## Chemistry (Chem) Courses

### Chemistry 114 (3)

#### AN INTRODUCTION TO CHEMISTRY

A one semester introduction to Chemistry for students who have had no secondary school Chemistry and wish to proceed to more advanced chemistry courses. Open only to students who have completed secondary school or equivalent or have been admitted under Dean's admission.

5:0:0

### Chemistry 115 (3) and Chemistry 215 (3)

#### PRINCIPLES OF CHEMISTRY

*Chem 115* is a general course in college Chemistry including discussions of the following: atomic and molecular structure, periodic

table, chemical bonding, nuclear chemistry, organic chemistry, properties of gases and the kinetic molecular theory.

Prerequisites for Chem 115: Chem 114, Chem 11, Chem 071 or equivalent.

4:0:2

*Chem 215* includes liquids, solids and changes of state, solutions, acid-base theory, kinetics, equilibrium, thermodynamics.

Prerequisite for Chem 215: Chem 115.

4:0:2

### Chemistry 116 (3) and Chemistry 216 (3)

#### GENERAL CHEMISTRY

A course equivalent to Chemistry 115/215 with the emphasis on biological applications. Primarily for students who plan a career in the biological sciences.

Prerequisite for Chem 116: Chem 114 or Chem 11 or Chem 071 or equivalent.

4:0:2

Prerequisite for Chem 216: Chem 116

### Chemistry 130 (3)

#### PHOTOGRAPHIC CHEMISTRY

An introduction to general chemistry with heavy emphasis on those aspects most relevant to the photographic process. It involves the study of the structure of matter down to and including the atomic level, with particular attention being paid to the interaction of matter with light. The principles of stoichiometry, kinetics, equilibrium and oxidation-reduction are studied both in theory and in the laboratory.

Prerequisite: Chem 114 or Chem 11 or Chem 071.

4:0:0

### Chemistry 315 (3)

#### ADVANCED GENERAL CHEMISTRY I

A second course in physical inorganic chemistry. Course includes a brief review and extension of equilibria in solution, an introduction to thermodynamics including first and second laws, enthalpy, entropy and Gibb's free energy. (Fall Term).

Prerequisite: Chem 215 or equivalent.

4:0:3

### Chemistry 316 (3)

#### AN INTRODUCTION TO ORGANIC CHEMISTRY I

Simple aliphatic and aromatic compounds, including hydrocarbons, alkyl halides, alcohols, aldehydes, ketones, ethers, and carboxylic acids. Simple reaction mechanisms, and an introduction to the use of spectroscopy in Organic Chemistry.

Prerequisite: Chem 215 or 216 or equivalent.

4:0:3

### Chemistry 415 (3)

#### ADVANCED GENERAL CHEMISTRY II

Modern concepts of Atomic structure and bonding, descriptive inorganic chemistry with some physical methods of determining structure; electrochemistry, electrode potentials. (Spring Term).

Prerequisite: Chem 315 or equivalent.

4:0:3



### Chemistry 416 (3)

#### AN INTRODUCTION TO ORGANIC CHEMISTRY II

The following topics are included: Heterocyclic compounds, complex organic reactions and their mechanisms.

Prerequisite: Chem 316 or equivalent.

4:0:3

### Physics (Phys) Courses

#### Physics 115 (3)

##### MECHANICS

An introduction to elementary mechanics. Kinematics, dynamics, statics, energy, heat, and sound are examined in the classroom and laboratory.

Prerequisite: Phys 11 or Phys 071 or equivalent: Math 151 or Math 171 (Which may be taken concurrently).

4:0:2

#### Physics 116 (3)

##### A SURVEY OF MECHANICS

An introductory physics course in mechanics for students who have had no previous physics course. Motion, forces, energy and inertial effects are studied in the classroom and in the laboratory.

Prerequisite: Math 11 or Math 071 or equivalent.

3:1:2

#### Physics 130 (3)

##### PHOTOGRAPHIC OPTICS

An introductory course in optics, including mirrors, convergent and divergent lenses, simple telescopes and simple cameras.

4:0:0

#### Physics 215 (3)

##### ELECTRICITY, LIGHT, AND RELATIVITY

An introduction to light, electrical phenomena, and special relativity. The behaviour of light and of electric charges is examined in classroom and laboratory.

Prerequisite: Phys 115.

4:0:2

#### Physics 216 (3)

##### ELECTRICITY AND THE ATOM

A survey that describes the electrical properties of matter, including electrical conduction, magnetism, light, atomic and nuclear effects.

Prerequisite: Phys 116 or Phys 115.

3:1:2

#### Physics 230 (3)

##### ELECTRICITY IN PHOTOGRAPHY

An introduction to the formulas of electricity relevant to photography; basic circuits; structure and functions of electronic devices; power requirements.

4:0:0

#### Physics 323 (3)

##### MECHANICS AND SPECIAL RELATIVITY I

Classical particle physics, Newton's laws of motion, conservation

laws, energy, momentum, angular momentum, potential energy, gravitation, planetary motion, non-inertial frames, motion in rotating frames. (Fall Term)

Prerequisites: Phys 215 or 216; Math 371 (which may be taken concurrently).

3:1:0

#### Physics 325 (3)

##### THERMODYNAMICS AND HEAT

Temperature, thermodynamic co-ordinates, equations of state, 1st Law, ideal gas, kinetic theory, 2nd Law, entropy, thermodynamic probability, partition function, enthalpy, Helmholtz's free energy, Gibbs free energy, specific heats, phase transitions. (Fall Term)

Prerequisites: Phys 215 or 216; Math 371 (which may be taken concurrently).

3:1:0

#### Physics 327 (1)

##### EXPERIMENTAL PHYSICS

Berkeley physics lab: Mechanics unit and Electrons and Fields unit. (Fall Term)

Prerequisites: This course is primarily for students taking Phys 323 and/or Phys 325.

0:0:3

#### Physics 423 (3)

##### MECHANICS AND SPECIAL RELATIVITY II

Ultimate speed, formulas for relativistic energy and momentum, difficulties with aether hypothesis, Lorentz transform, Fitzgerald contraction, time dilation, composition of velocities, Doppler effect, twin paradox, proper time, four-vectors, energy-momentum four-vector, spacetime, modifications to dynamics.

Prerequisites: Phys 215 or 216; Math 471 and/or Math 475 (which may be taken concurrently).

3:1:0

#### Physics 425 (3)

##### ELECTRICITY AND A-C CIRCUIT THEORY

Charge, current, current density, resistivity, E, B, flux, electromagnetic induction, inductive reactance, capacitive reactance, complex form of Ohm's law, impedance, admittance, networks, filters, transmission lines.

Prerequisites: Phys 215 or 216; Math 471 and/or Math 475 (which may be taken concurrently).

3:1:0

#### Physics 427 (1)

##### EXPERIMENTAL PHYSICS

Berkeley physics lab: Fields unit and Electric Circuits unit. (Spring Term)

Prerequisites: This course is primarily for students taking Phys 423 and/or 425.

0:0:3



## CENTRE FOR HUMANISTIC STUDIES

The Centre for Humanistic Studies provides an opportunity for a limited number of students to take college courses in a non-traditional manner and setting. Five courses that lend themselves to an interdisciplinary approach (selected from English, Economics, Philosophy, Political Science and Sociology) are selected for any term in which the Centre is in operation. Students are expected to enroll in at least four of these courses, all of which will carry full transfer credit. The presentation and management of these courses is such that students cannot expect to combine them into a timetable with other Langara courses. Interested students are advised to contact the Counselling Department at Langara when the Term Schedule indicates that the Centre will be in operation.

## SOCIAL SCIENCES

### ***Anthropology (Anthro) Courses***

NOTE: Anthropology 120, 131, 132 may be taken in any sequence or concurrently.

#### **Anthropology 120 (3)**

##### INTRODUCTION TO CULTURAL ANTHROPOLOGY

An introduction to the cultures and societies of the non-urbanized people, by means of theories, analysis, and examples; a consideration of the nature of culture by examining various subsistence practices, social systems, political systems, etc.

3:1:0

#### **Anthropology 131 (3)**

##### INTRODUCTION TO PHYSICAL ANTHROPOLOGY AND HUMAN ORIGINS

A survey of the physical and behavioral evolution of mankind from the time of the earliest Primates to the present; a consideration of data, problems, theories, and interpretations.

3:1:0

#### **Anthropology 132 (3)**

##### INTRODUCTION TO ARCHAEOLOGY

An introduction to the study of the prehistory of mankind; an examination of the evidence for human cultural development; a consideration of the various motives, methods and techniques that have been involved.

3:1:0

#### **Anthropology 150 (3)**

##### PACIFIC NORTHWEST CULTURAL STUDIES

The study of the cultures of the Pacific Northwest Indians, and their relationships with the European traders, explorers, and settlers. May not be offered every semester.

3:1:0

#### **Anthropology 195 (3)**

This number is reserved for Anthropology courses that may be offered from time to time by:

- (a) College Anthropology Faculty who may wish to present a course in their speciality which may be of limited interest; or
- (b) Visiting Anthropology Lecturers.

Announcements regarding Anthropology 195 offerings will be made in the term schedules. Prerequisites will be announced by special bulletin.

#### **Anthropology 221 (6)**

##### FIELD TECHNIQUES IN ARCHAEOLOGY

An archaeological excavation of a site in British Columbia; the recovery, recording, and interpretation of cultural material and stratigraphic information.

Prerequisite: Consent of the Instructor.

8 hours a day, 5 days a week, for an 8 week period during the summer.

#### **Anthropology 230 (3)**

##### ARCHAEOLOGY OF THE NEW WORLD

A survey of the prehistoric cultures of North and South America, from the entry of man into the New World, the Pre-Columbian civilizations, to the time of European settlement. Particular emphasis will be placed on western North America.

Prerequisite: Anthropology 131 or Anthropology 132.

3:1:0

#### **Anthropology 240 (3)**

##### ANTHROPOLOGY OF THE NORTH AMERICAN INDIANS AND INUIT

An introduction to the North American Indians and Inuit, with emphasis upon the Canadian people, from early historic times to the present day, using the culture area and historic approach to examine the various diverse ways of life.

Prerequisite: Anthropology 120 or Anthropology 230 or consent of the Instructor.

3:1:0

### ***Art History (Art Hist) Courses***

#### **Art History 113 (3)**

##### NINETEENTH CENTURY ART HISTORY

Neo-Classicism and Romanticism in France and England. The art of early "modern times": Realism, Impressionism, Symbolism and Art Nouveau. The new steel age architecture.

Prerequisites: Art History 114 and 214 desirable but not essential.

2:2:0

#### **Art History 114 (3)**

##### WESTERN ART BEFORE THE ITALIAN HIGH RENAISSANCE

A view of Western painting, sculpture and architecture from Paleolithic times to the early Italian Renaissance. Includes art of the ancient Middle East, Greece, Rome and medieval Europe, the Byzantine, Romanesque and Gothic Styles, all presented within their cultural context. Illustrated lectures and seminar discussions.

NOTE: This course will be offered in both the Fall and Spring Terms.

3:1:0



### Art History 115 (3)

#### HISTORY OF ASIAN ARTS I

A historical survey of Asian Art, architecture and music as seen through the major civilizations in India and China and the related island empires in Japan, Indonesia, Central Asia, Tibet and South-East Asia. Myth content and symbolic form in the major oriental religions: Islam, Hinduism, Buddhism, Shintoism and Christianity will form an important part of the lectures and discussions. Slides, films, tapes and L.P.'s will be used for illustration. Students will be expected to develop their own *methodology* toward a historical understanding of all aspects of Asian Arts. The major stress is placed on India and S.E. Asia in the first term.

3:1:0

### Art History 116 (3)

#### HISTORY OF WORLD MUSIC I

A historic aural survey by means of recordings, tapes and actual instrumental demonstrations of the world's early heritage of musical sound, including primitive, early Greek, Roman, Indian, Chinese, up to 1450 A.D. Examination of world folk music is stressed.

3:1:0

### Art History 213 (3)

#### TWENTIETH CENTURY ART HISTORY

The development and significance of Modern Art: Fauvism, Cubism, Expressionism, Abstraction, Fantasy, Surrealism and Abstract Expressionism in Western painting, sculpture and architecture.

Prerequisites: Art History 114 and 214 desirable but not essential. 2:2:0

### Art History 214 (3)

#### WESTERN ART SINCE THE EARLY ITALIAN RENAISSANCE

A view of Western painting, sculpture and architecture from the Italian High Renaissance to twentieth century Expressionism and Abstraction. Includes Neo-Classicism, Romanticism, nineteenth century Realism and Impressionism, all presented within their cultural context. Illustrated lectures and seminar discussions.

NOTE: This course will be offered in both the Fall and Spring Terms.

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 a study of all major civilizations taken in the first term, but with special emphasis on China and Japan.

3:1:0

### Art History 216 (3)

#### HISTORY OF WORLD MUSIC II

A continuing historical survey of world music from the early European Renaissance (1450 A.D.) to the present, including classical, folk, jazz, rock and experimental sounds of the 20th century. The use of some music notation will be explained and concepts of harmony explained.

3:1:0

## Canadian Studies

Candidates for the diploma in Arts and Science (Canadian Studies) must complete:

1. The requirements of the diploma in Arts and Science, including at least six of the following courses:  
Anthro 150; Anthro 240; Business Procedures 115; Econ 115; Econ 116; Eng 325; French (subject to the approval of the French Department); Geog 120; Geog 150; Geog 155; Hist 150; Hist 151; Hist 152; Hist 161; Hist 260; Hist 339; Pol Sc 117; Pol Sc 119; Pol Sc 209; Pol Sc 219.
2. One semester of interdisciplinary material presented in weekly two-hour sessions.

## Classical Studies

Candidates for the diploma in Arts and Science (Classical Studies) must complete:

1. The requirements of the diploma in Arts and Science, including at least six of the following courses:  
At least two courses selected from: Latin 115; Latin 215; and/or Greek 115; Greek 215; the remaining courses from: Anthro 195; Art Hist 114; Classical Studies 320; Classical Studies 321; Hist 111; Hist 211; Hist 113; Phil 101; Rel St 230; and other such relevant courses as may be offered from time to time.
2. Attendance at a one semester colloquium on classical topics presented in weekly two hour sessions.

### Greek 115 (3) and Greek 215 (3)

#### INTRODUCTORY GREEK AND ELEMENTARY GREEK

Greek 115 — An introduction to Greek. The elements of the Language. Simple readings.

Greek 215 — A continuation of Greek 115 with readings in prose and verse. These two courses will prove especially useful to students of Classical Studies, Comparative Literature, History, Religious Studies, and Romance Languages.

Prerequisite for Greek 115: none.

3:1:0

Prerequisite for Greek 215: Greek 115.

### Latin 115 (3) and Latin 215 (3)

#### BEGINNER'S LATIN I AND II

Latin 115 — An introduction to the nature and structure of the Latin language; reading of simple texts in prose and verse. This course with Latin 215 will be especially useful to students interested in Classical Studies, Medieval History, Comparative Literature, the Romance Language, Religious Studies and Philosophy.

Latin 215 — An intermediate course in Latin, with emphasis on reading.

Prerequisite for Latin 115: none.

3:1:0

Prerequisite for Latin 215: Latin 115.



## **Economics (Econ) Courses**

### **Economics 110 (3)**

#### **COMPARATIVE ECONOMIC SYSTEMS**

The economic systems of Canada and the Soviet Union are compared in the way which they decide what goods get produced and who gets the resulting output. Problems specific and common to each type of economic system, eg. inflation, big business and unions, economic growth and motivation of the individual, will be examined. **3:1:0**

### **Economics 111 (3)**

#### **URBAN ECONOMIC ISSUES**

Economic principles will be used to describe and analyze certain problems confronting Vancouver and other Canadian cities. Issues such as urban poverty, housing, transportation, industrial location, quality of life, and others will be examined. **3:1:0**

### **Economics 115 (3)**

#### **CANADIAN ECONOMIC ISSUES**

The use of economic principles to describe and analyze current Canadian economic issues such as inflation, monopoly, pollution, poverty and others. **3:1:0**

### **Economics 116 (3)**

#### **CANADA IN THE WORLD ECONOMY**

Canada's economic relationship with the United States, the European Economic Community, Japan and Latin America, with special emphasis on trade, international investment and foreign ownership. **3:1:0**

### **Economics 117 (3)**

#### **INTRODUCTORY ECONOMIC HISTORY**

A history of the economic development of man from evident beginnings to 1500. The refinement of civilization arising out of economic surplus leads to consideration of discoveries and inventions, religion, social organization and government. **3:1:0**

### **Economics 118 (3)**

#### **ECONOMICS AND HISTORY OF WESTERN CIVILIZATION**

An analysis of the main historical features of economic development after 1500, with special emphasis on economic and social changes in some of the industrializing countries of the world. Some topics broached are changes in land tenure, the Commercial and Industrial Revolutions and the emergence of western pre-eminence in the world economy. **3:1:0**

### **Economics 195 (3) and 295 (3)**

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

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

Announcement regarding Economics 195 and 295 offerings will be made in term schedules.

Prerequisites will be announced by special bulletin.

### **Economics 321 (3)**

#### **PRINCIPLES OF ECONOMICS (MACRO)**

Introductory concepts: the price system; business organization; affluence and poverty; labour; government; national income; savings, investment and consumption; the multiplier; business cycles, prices and money; banking — a synthesis of monetary and fiscal policy; agriculture. **3:1:0**

### **Economics 421 (3)**

#### **PRINCIPLES OF ECONOMICS (MICRO)**

Price determination; demand and utility; competitive supply; cost analysis; equilibrium of the firm; combines policy; income distribution; the pricing of factor inputs; land rent; competitive wages; interest and capital; profits; international trade; growth; alternative economic systems. **3:1:0**

**NOTE: Students may not take Econ 321 & Econ 421 in the same term without written Departmental permission.**

## **Geography (Geog) Courses**

### **Geography 120 (3)**

#### **INTRODUCTION TO THE GEOGRAPHY OF CANADA**

Selected topics in human geography focussing on regional distribution of population, natural resources, economic activities and growth. Major issues facing Canada today will be examined from a geographical perspective. **3:1:0**

### **Geography 130 (3)**

#### **URBAN GEOGRAPHY**

An examination of the evolution, spatial organization and dynamics of the modern city. Special emphasis will be given to the Canadian context, including locally oriented field trips and projects. **3:1:0**

### **Geography 150 (3)**

#### **ECONOMIC DEVELOPMENT OF BRITISH COLUMBIA**

A geographic analysis of the factors influencing the development of B.C.'s human and physical resources. Some of the factors considered are the constraints of the physical environment, historic economic development, resource policy, trade and the distribution and productive trends in selected sectors of the economy. Emphasis is placed on contemporary problems, trends and issues. **3:1:0**

### **Geography 155 (3)**

#### **ENVIRONMENTAL ISSUES — MAN AND NATURE**

An introductory course emphasizing environmental issues and natural hazards with special attention given to questions of environmental management. A heavy emphasis will be given to B.C. issues although



a broader perspective will sometimes be necessary. Students will have an opportunity to gain some experience in field work and other research methods. A good basic knowledge of B.C. is desirable for students interested in this course. **2:2:0**

### Geography 160 (3)

#### THE PACIFIC RIM

A geographic approach to trends and problems in the economic, social and political developments of Pacific Rim countries. Some issues are studied in the context of the entire Pacific region, whereas others are examined in more detail on a specific regional basis, i.e., Latin America, East Asia. Special emphasis is placed on Canada-Pacific Rim relationships, for example, trade. **3:1:0**

### Geography 170 (3)

#### GEOGRAPHIC THOUGHT

This course provides an introduction to the thought, theory and skills of the geographer. It deals with man/environment relationships and is a review of the place of geography in the system of human knowledge. Topics covered include environmental perception, cultural, social, urban and economic geography. **3:1:0**

NOTE: Students planning advanced study in Geography are advised to take this course.

### Geography 180 (3)

#### PHYSICAL GEOGRAPHY (METEOROLOGY AND CLIMATOLOGY)

A laboratory science course providing an introduction to weather, climate, vegetation and cartography. The approach emphasizes process, classification, and distribution. Examples are drawn largely from North America with special emphasis on local conditions. The labs are designed to apply the theory provided in lectures. **2:1:2**

NOTE: Students planning advanced study in Geography are advised to take both Geography 180 and 190 in any sequence or concurrently.

### Geography 190 (3)

#### PHYSICAL GEOGRAPHY (GEOMORPHOLOGY)

A laboratory science course providing an introduction to geomorphology (a 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. The labs are designed to apply the theory provided in lectures. **2:1:2**

NOTE: Students planning advanced study in Geography are advised to take both Geography 180 and 190 in any sequence or concurrently.

### Geography 195 (3) and 295 (3)

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

- College Geography Faculty who may wish to present a course in their speciality which may be of limited interest, or
- Visiting Geography Lecturers.

Announcements regarding Geography 195 and 295 offerings will be made in term schedules.

Prerequisites will be announced by special bulletin.

### Geography 250 (3)

(Formerly Geography 350)

#### 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. Contemporary problems associated with economic behaviour are stressed, together with techniques used in interpreting regional disparities, spatial organization of industry, and patterns of communication.

Prerequisites: Geography 170 or Geography 130, or other Social Science alternative with Department permission. **3:1:0**

### Geography 270 (3)

#### CULTURAL GEOGRAPHY

A geographic appreciation of the beliefs, traditions and growth of human society. A consideration of such topics as environmental perception, cultural impressions on the landscape, diffusion, and the interaction of cultures.

Prerequisites: Geography 170 or Geography 130, or other Social Science alternative with Department permission. **3:1:0**

## History (Hist) Courses

Students should note that the Department offers courses in a number of fields. The major fields are: Ancient History (HIST 111 and 211), Medieval European (HIST 113 & 213), Early Modern European (HIST 120 & 230), Modern (HIST 140 & 240), American (HIST 170 & 280), and Canadian (HIST 150 & 260). In addition to the above courses, the Department offering includes a number of more specialized courses which are numbered 300 and above.

### History 111 (3)

#### THE HISTORY OF GREECE

The nature of history, chronological systems, and the ancient Near East. The rise of the Greek city-states, with special emphasis on the political, economic, and cultural achievements of the Classical period (500-323 B.C.). **4:0:0**

### History 113 (3)

#### HISTORY OF THE EARLY MEDIEVAL WORLD

A study of the most pertinent aspects of early Medieval History from the decline of Rome to about the year 1000 A.D. Special attention will be given to the development of characteristic institutions and ideas in this period. The course will focus upon the disintegration of the classical world and the genesis of a new form of civilization in Europe. **3:1:0**

NOTE: This course will be offered during the Fall term only.



### History 120 (3)

#### WESTERN THOUGHT AND INSTITUTIONS

The development of the Western World in terms of political thought, religion, science, economics and culture from 1500 to 1763. An introductory course recommended as a basis for studies in Modern History.

3:1:0

### History 139 (3)

(Formerly History 339)

#### BRITAIN IN THE NINETEENTH CENTURY: SOCIAL HISTORY

A study of the social impact of the Industrial Revolution in Britain on the people in both town and country.

3:1:0

### History 140 (3)

#### MODERN HISTORY (1900-1939)

A study of Europe at the turn of the century; the causes, the events, and aftermath of World War I; the "Search for Security" and the League of Nations; the Great Depression and the rise of totalitarian states.

3:1:0

### History 149 (3)

(Formerly History 349)

#### BRITAIN IN THE TWENTIETH CENTURY

A study of the social and political impact of Britain's transformation from World Power to member of the European Community.

3:1:0

### History 150 (3)

#### EARLY CANADA

The analysis of early French and English colonies on the eastern coast through the period of colonial rivalry, and their impact on the native Indian culture; the British conquest; the conflict of cultures; social, economic and political developments to 1867.

3:1:0

### History 151 (3)

#### B.C. HISTORY I

An introduction to methods in historical research within the content of early British Columbia history. The main emphasis will be on the analysis and interpretation of resource materials.

2:2:0

### History 152 (3)

#### B.C. HISTORY II

A study of late 19th and 20th century British Columbia history with special attention to the organization of research findings.

Prerequisite: History 151.

2:2:0

### History 161 (3)

#### SELECTED ISSUES IN CANADIAN HISTORY

A selection of a number of fundamental issues which underlie Canadian historical development. The course attempts to focus upon various issues which have affected the development of Canada.

3:1:0

NOTE: This course may not be offered every semester.

### History 170 (3)

#### THE UNITED STATES BEFORE RECONSTRUCTION

A view of the European colonization of the Atlantic seaboard, rise of an American consciousness, the American Revolution, westward expansion to Texas, Oregon and California, rivalry between the Sections, and the Civil War.

3:1:0

NOTE: This course will be offered in the Fall Term.

### History 195 (3) and 295 (3)

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

(a) College History Faculty who may wish to present a course in their specialty which may be of limited interest; or

(b) Visiting History Lecturers.

Announcements regarding History 195 and 295 offerings will be made in term schedules.

3:1:0

### History 211 (3)

#### THE HISTORY OF ROME

The growth of Rome, the development of her political institutions, the acquisition of empire, the collapse of the Republic, the political and social history of the Empire, and the decline and fall.

4:0:0

### History 213 (3)

#### HISTORY OF THE LATE MEDIEVAL WORLD

A study of the most pertinent aspects of the late Medieval World from about the year 1000 A.D. until the Italian Renaissance. Special attention will be given to the development of institutions and ideas in this period.

3:1:0

NOTE: This course will be offered in the Spring Term.

### History 230 (3)

#### WESTERN THOUGHT AND INSTITUTIONS

This course is a continuation of History 120, extending from the mid-eighteenth century to 1900. Special attention is given to the Enlightenment, the Industrial Revolution and the French Revolution and to the development of society in nineteenth century Europe. This is an introductory course which is recommended as a basis for studies in Modern History.

3:1:0

### History 240 (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 Red China; the collapse of colonialism and resultant rise of the new nationalism in Asia and Africa.

3:1:0

### History 260 (3)

#### MODERN CANADA (1867-1967)

The social, political and economic growth of Canada from sea to sea.

3:1:0



### History 280 (3)

#### THE UNITED STATES AFTER RECONSTRUCTION

An agrarian society challenged; rise of the giant corporations and industrialization; unprecedented immigration; complaint, and search for a new morality and reform; private enterprise in an age of centralization and war.

3:1:0

NOTE: This course will be offered in the Spring term.

### 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 *Ancient Regime*. Special attention is given to the social and economic origins of the Revolutions of 1789, 1830 and 1848.

3:1:0

NOTE: This course will be offered in the Spring Term only.

### History 333 (3)

#### RUSSIA IN THE 19TH CENTURY

The course will cover the history of Russia from the accession of Alexander I to the fall of the autocracy in 1917.

3:1:0

NOTE: This course will be offered in the Spring Term.

### History 369 (3)

#### CANADIAN-AMERICAN RELATIONS

A study of integration and conflict, from our historical beginnings to our twentieth century industrialization.

3:1:0

NOTE: This course will be offered in the Spring Term.

### **Philosophy (Phil) Courses**

Philosophy is a mode of enquiry, an attitude towards considering fundamental questions, rather than a specific set of beliefs. Philosophical enquiry cuts across the boundaries which separate other disciplines. Insofar as individuals want to understand themselves, their society and their world, they typically ask philosophical questions. We welcome students who ask questions of this order.

### Philosophy 100 (3)

#### INTRODUCTION TO PHILOSOPHY: (Ethics, Aesthetics, Politics, and Human Nature)

Course deals with concepts such as goodness, happiness, rights, obligations, style, beauty, art and politics, mass media, thought control, human uses of human beings, alienation, the ethics of growth and competition.

3:1:0

### Philosophy 101 (3)

#### INTRODUCTION TO PHILOSOPHY: (Epistemology, Metaphysics, and Logic)

Course deals with concepts such as the purpose of life, empirical and mystical conceptions of truth, belief, opinion, various ways of defining reality, *a priori* and *a posteriori* knowledge, the nature of God and mind.

3:1:0

### Philosophy 102 (3)

#### INTRODUCTION TO LOGIC

This is an introduction to informal and elementary formal logic. Valid and invalid reasoning. Common fallacies, logical connectives "and", "or", "if. . . then". Truth tables. Propositional calculus and predicate calculus.

3:1:0

### Philosophy 195 (3) and 295 (3)

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

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

Announcement regarding Philosophy 195 and 295 offerings will be made in term schedules.

Prerequisites will be announced by special bulletin.

### Philosophy 201 (3)

#### THEORIES OF KNOWLEDGE

This course will focus on questions such as: What is knowledge? What is the origin and limits of knowledge? Do we acquire knowledge by reason, experiment, intuition, inspiration? To what extent does language limit our world? What is truth? How can we have knowledge of mind or God?

Prerequisites: Phil 100 or Phil 101.

3:1:0

### Philosophy 202 (3)

#### ETHICS

A consideration of questions such as: When can we hold an individual morally responsible for his actions? What is freedom? What are my obligations to my community? From the available courses of action open to me, what ought I to do? What is good? The views of philosophers such as Plato, Aristotle, Kant, Mill and Marcuse will be considered.

3:1:0

### Philosophy 203 (3)

#### METAPHYSICS

This course deals with some metaphysical concepts such as: meaning, forms (Platonic), substance (as in Aristotle's *Metaphysica*), mind, existence and God. This course will focus on two or three of these concepts.

Prerequisite: Phil 201.

3:1:0

### Philosophy 225 (3)

#### EXISTENTIALISM

Introduction to existentialist approaches to concepts such as individual, knowledge, freedom, choice, absurdity, good, bad faith, alienation, etc. After a general introduction, the course will focus on a few of the above concepts as found in specific writers such as Sartre and



Kierkegaard. Various critiques of Existentialism will be looked at, e.g., the Marxist. May not be offered every semester.

Prerequisite: Phil 100 or Phil 101 or consent of Department. **3:1:0**

### Philosophy 226 (3)

#### SOCIAL AND POLITICAL PHILOSOPHY

This course provides students with an opportunity to investigate philosophical concepts basic to contemporary political doctrines such as communism, fascism, anarchism, and liberal democracy; and contemporary social practices such as punishment, behavioral engineering, non-violence and revolution.

Prerequisite: Phil 100 or Phil 101 or consent of Department. **3:1:0**

### Philosophy 227 (3)

#### PHILOSOPHY OF EDUCATION

This course provides an opportunity for students to investigate the philosophical roots and justifications for contemporary educational practices and systems. Relationships will be drawn between epistemological, ethical and political theories and various views on the way children ought to be treated. Stress will be laid upon alternative approaches to traditional and contemporary education.

Prerequisite: Phil 100 or Phil 101 or consent of Department. **3:1:0**

## Political Science (Pol Sc) Courses

### Political Science 117 (3)

#### SOCIAL LEGISLATION IN CANADA

A study of federal, provincial and municipal legislation and its application in the broad field of social welfare. **3:1:0**

### Political Science 119 (3)

#### CANADIAN POLITICS AND GOVERNMENT

An introductory study, this course deals with the origins and structure of Canadian Government and an analysis of the social and political forces which shape our current political system. **3:1:0**

### Political Science 130 (3)

#### AN INTRODUCTION TO POLITICAL ANALYSIS

An introduction to the scope and some of the methods (questionnaire preparation, survey research, data analysis) of political science. This course is useful to students intending to go on in Political Science, but it is also suitable for those who do not intend to take further courses in this subject. **3:1:0**

### Political Science 150 (3)

#### POLITICS OF INDUSTRIAL SOCIETIES

A comparative analysis of some foreign governments, e.g., Britain, the U.S.A. and the U.S.S.R., France, Japan, or West Germany. **3:1:0**

### Political Science 195 (3) and 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.

Announcements regarding Political Science 195 and 295 offerings will be made in term schedules.

Prerequisites will be announced by special bulletin. **3:1:0**

### Political Science 209 (3)

#### THE CANADIAN POLICY PROCESS

An examination of how laws are developed and implemented in Canada. Topics considered will include general policy-making theory as well as the roles of the public, parliament, cabinet, and public service in policy development. **3:1:0**

### Political Science 219 (3)

#### PUBLIC ADMINISTRATION IN CANADA

A study of the Public Service in Canada, including current social and political patterns in modern large-scale organizations, the organization of the Government of Canada and local administration. **3:1:0**

### Political Science 250 (3)

#### POLITICS IN NON-INDUSTRIAL SOCIETIES

This course will be concerned with the political, social and economic forces at work on the political systems of selected countries of the "Third World," (e.g. Ivory Coast, Cuba and India). **3:1:0**

### Political Science 260 (3)

#### CONTEMPORARY IDEOLOGIES

An examination of major political ideologies of the 19th & 20th Centuries, including conservatism, liberalism, socialism, communism and fascism. **3:1:0**

### Political Science 270 (3)

#### INTRODUCTION TO INTERNATIONAL RELATIONS

(Formerly *Introduction to World Politics*)

*An introduction to the politics of world society, its historical development, the major forms of analysis of global political structure and political process, contemporary problems of world society.* **3:1:0**

### Political Science 271 (3)

#### FOREIGN POLICY

(Formerly *International Conflict*)

An introduction to the study of the foreign policies of the major regions of the world toward the global system, internal and external restraints on states, foreign policy formulation and implementation. **3:1:0**



### Political Science 350 (3)

#### CONTEMPORARY CHINA

An introduction to Chinese politics, government and society. It includes such topics as ideology and political culture, social experiments and historical development. **3:1:0**

### **Psychology (Psych) Courses**

#### Psychology 115 (3)

##### FUNDAMENTALS OF PSYCHOLOGY

An introduction to the study of human behavior. This course examines the philosophies of psychology, social psychology and other instructor-selected topics. **3:1:0**

#### Psychology 117 (3)

##### APPLIED PSYCHOLOGY

A course designed primarily to introduce career program students to the psychological principles which operate personally, socially and vocationally, with an emphasis on the individual in his work environment. **3:1:0**

#### Psychology 124 (3)

##### EARLY CHILD GROWTH AND DEVELOPMENT I

This course looks at human development up to middle childhood. It deals with the stages of development in chronological sequence. It also deals with concepts of development and research methods in developmental psychology. This course is oriented to the needs of students in the Early Childhood Education Program. **3:1:0**

#### Psychology 195 (3) and 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.

Announcements regarding Psychology 195 and 295 offerings will be made in term schedules.

Prerequisites will be announced by special bulletin. **3:1:0**

#### Psychology 215 (3)

##### BEHAVIOR THEORY

An introduction to the theories of intelligence, emotion, psychological motivation, personality and adjustment. **3:1:0**

NOTE: It is recommended that Psych 115 be taken before Psych 215. Under very special circumstances, the Department Chairman may give permission to take Psych 215 before Psych 115 or to take both concurrently.

### Psychology 224 (3)

#### EARLY CHILD GROWTH AND DEVELOPMENT II

This course looks at various aspects of early child development, such as physical development, perceptual development, cognitive development, and social-emotional development. It also deals with contemporary issues in early child development. This course is oriented to the needs of students in the Early Childhood Education Program.

Prerequisite: Psych. 124

**3:1:0**

#### Psychology 320 (3)

##### INTRODUCTION TO RESEARCH METHODS

A combined lecture-laboratory course dealing with the theory of research, design of experiments, the application of statistics to laboratory exercises and the testing of experimental hypotheses. May not be offered in the summer semester.

Prerequisites: Psych 115, 215.

**4:0:0**

#### Psychology 322 (3)

##### SOCIAL PSYCHOLOGY

An examination of the effects of social influences on individual behavior. Includes the study of attitudes, social standards, conformity, leadership, prejudice, aggression and other social factors.

Prerequisites: Psych. 115, 215 or permission of the Department **3:1:0**

#### Psychology 323 (3)

##### PSYCHOLOGY OF ADJUSTMENT

A study of the ways in which individuals cope with the adjustive demands of life. An examination of the nature and sources of stress and responses to stress.

Prerequisites: Psych. 115, 215 or permission of the Department **3:1:0**

#### Psychology 324 (3)

##### DEVELOPMENTAL PSYCHOLOGY

(Prenatal Period and Infancy)

A study of the determinants of behavior and the processes of growth and maturation through the prenatal period to school age.

Prerequisite: Psych 115 and 215

**3:1:0**

#### Psychology 325 (3)

##### PSYCHOLOGY OF HUMAN DEVELOPMENT

A one semester course in human development from prenatal to death, including both theoretical and practical considerations. Suitable for the Recreation and Nursing programs and designed to give a basic understanding of the developmental processes at all age levels.

Prerequisite: Psych 117 or Psych 115, 215.

**3:1:0**

#### Psychology 326 (3)

##### PSYCHOLOGY OF DEVIANCE

An examination of deviant behavior in its various forms. Special



emphasis is given to the relativeness of the concept *deviance* and the differing criteria for deviance.

Prerequisites: Psych 115, 215.

3:1:0

May not be offered in the Summer semester.

### Psychology 331 (3)

#### CORE CONCEPTS IN PSYCHOLOGY I

This course will deal with the basic findings and problems of research in the following Core areas of Psychology — sensation, learning, language, motivation, thinking and problem-solving, physiology. The emphasis will be on content but an opportunity to engage in laboratory research will be provided.

Prerequisites: Psych. 115, 215.

2:0:2

May not be offered in the Summer Semester.

### Psychology 341 (3)

#### CORE CONCEPTS IN PSYCHOLOGY II

This course will deal with the basic findings and problems of research in the following Core areas of Psychology — perception, human memory and attention, artificial intelligence, creativity, motivation, and physiology. The emphasis will be on content but an opportunity to engage in laboratory research will be provided.

Prerequisites: Psych. 115, 215.

2:0:2

May not be offered in the Summer Semester.

NOTE: Students intending to major in Psychology at a University are advised to take Psychology 320 and either Psychology 331 or Psychology 341 in any sequence. These courses are *not* prerequisite to upper level courses at this institution.

### Psychology 424 (3)

#### DEVELOPMENTAL PSYCHOLOGY

(Adolescence, Maturity and Aging)

The growth and development of the individual during adolescence, adulthood and aging, and the factors that influence social, intellectual and emotional development during the life cycle of the human being.

Prerequisite: Psych 324.

3:1:0

## Religious Studies (Rel St) Courses

### Religious Studies 120 (3)

#### RELIGIONS OF THE EAST

An introduction to the study of religions; emphasis will be on the origins, ideas, practices and evolution of Hinduism, Buddhism (including Zen), Taoism and Confucianism.

3:1:0

### Religious Studies 220 (3)

#### RELIGIONS OF THE WEST

A study of the underlying historical and social factors in the growth of the three major religions of the west: Judaism, Christianity and Islam; a

look at the varieties of religious experience and the place of religion in the changing culture of modern society.

3:1:0

### Religious Studies 230 (3)

#### THE EVOLUTION OF EARLY CHRISTIAN THOUGHT AND SPIRITUALITY

An enquiry into the cultural roots of western Christian civilization focusing on its Jewish, Greek, Roman and Persian antecedents and its evolution during the first four centuries of our era. Attention is given to present day issues such as biblical criticism as well as Third World political and economic factors challenging traditional beliefs.

3:1:0

## Sociology (Sociol) Courses

Sociology 120, 121, and 122 may be taken in any order or concurrently.

NOTE: In general, active student involvement in each course is expected. However, there are variations in each instructor's approach so a student should obtain the particular details from each instructor before or during registration.

### Sociology 120 (3)

#### INTRODUCTION TO SOCIOLOGY

A basic course designed as an introduction to sociological study. Analyses of selected topics concerned with understanding society.

3:1:0

### Sociology 121 (3)

#### INTRODUCTION TO SOCIOLOGY

A basic course designed as an introduction to all sociological study. Analyses of selected topics concerning the institutions and processes of Canadian Society.

3:1:0

### Sociology 122 (3)

#### SOCIOLOGY THROUGH LITERATURE

An analysis of modern sociology through selected illustrative materials from various literatures. Not offered every semester.

3:1:0

### Sociology 195 (3)

This number is reserved for Sociology courses that may be offered from time to time by:

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

Announcements regarding Sociology 195 offerings will be made in term schedules. Prerequisites will be announced by special bulletin.

### Sociology 200 (3)

#### SOCIOLOGY THEORY

An introduction to sociological theory, focusing on the key and persistent issues of the discipline. Such problems as social order versus social change, objectivity versus subjectivity, individualism versus holism, values versus facts, and other issues may be discussed. The major thinkers and schools of thought in sociology will be examined in the light of what they have said on these issues. This course will also



be concerned with the role of theory, facts, explanations, *verstehen*, and models in sociological inquiry.

Prerequisites: Any two of the following courses: Anthro. 120, Sociol. 120, Sociol. 121 or Sociol. 122; or consent of the Department. **3:1:0**

### **Sociology 205 (3)**

#### **SOCIOLOGY OF DEVIANCE**

An examination of sociological theories of deviance, focusing on contemporary issues such as crime, juvenile delinquency, drug addiction, alcoholism, prostitution and mental illness. The institutional and informal systems of social control will also be discussed.

Prerequisites: Any two of the following courses: Anthro 120, Sociol 120, Sociol 121, Sociol 122; or consent of the Department. **3:1:0**

### **Sociology 222 (3)**

#### **SOCIAL CHANGE**

An investigation of the sociological problems, theories and ideas concerned with understanding and explaining social change. Various factors influencing social change will be examined. May not be offered every semester.

Prerequisites: Any two of the following courses: Anthro 120, Sociol. 120, Sociol. 121; or consent of the Department **3:1:0**

### **Sociology 223 (3)**

#### **INDUSTRIALIZATION**

The process of industrialization: the work force, the scale of society, consensus in society and world-wide industrialization. May not be offered during Summer Semester.

Prerequisite: Any two of the following courses: Anthro 120, Sociol 120, Sociol 121; or consent of the Department. **3:1:0**

### **Sociology 250 (3)**

#### **THE SOCIOLOGY OF THE FAMILY**

A sociological analysis of family structure including sex roles, children's rights, adoption and identity, marriage, divorce, socialization, and change, in both historical community systems and modern industrial societies.

Prerequisites: Any two of the following courses: Anthro 120, Sociol 120, Sociol 121, Sociol 122; or consent of the Department. **3:1:0**

### **Women's Studies (W S) Courses**

#### **Women's Studies 116 (3)**

##### **PERSPECTIVES ON WOMEN**

An interdisciplinary study of the position of women in society. The situation of women will be discussed from the viewpoints of sociology, psychology, history and literature. **3:1:0**

#### **Women's Studies 216 (3)**

##### **FURTHER PERSPECTIVES ON WOMEN**

This course enables students to explore the situation of women in greater depth, from the perspectives of history, literature, psychology and sociology. Students will participate in workshops.

No prerequisite required. **3:1:0**

## **SCHOLARSHIPS AND AWARDS**

### **FINANCIAL AID THROUGH . . .**

#### ***The British Columbia Student Financial Assistance Program***

The following describes the basic elements of the program as they existed in the 1978-79 educational year (subject to revisions for the 1979-80 year). Students studying in British Columbia should obtain and submit their applications to the post-secondary institution they will attend.

#### **1. Program**

A comprehensive program of assistance for post-secondary students has been introduced by the Ministry of Education to ensure British Columbia residents are not denied the opportunity to reach their educational objectives due to financial barriers.

The purpose of the British Columbia Assistance Program is to assist students whose resources are insufficient to provide for the cost of full-time studies at the post-secondary level of education. Funds under the program are therefore awarded only where the financial resources available to students from parents, summer work, or other sources are insufficient to meet their estimated educational costs.

The funds awarded under this program will normally be disbursed through a combination of funds drawn from the Provincial Grant Fund and the Federal Canada Student Loan Plan. A detailed booklet describing the program in full will be available at the Financial Aid Office.

#### **II. Eligibility**

To be eligible for the program, applicants must be Canadian Citizens, or landed immigrants having resided in Canada for 12 months prior to the commencement of the term. Funds will be provided to eligible students undertaking a minimum of 9 credit hours of courses or 60 per cent of a full program of study leading to a certificate, diploma, or first degree. The amount of assistance awarded will be based on Assessed Need as determined by the Provincial Authority.

#### **III. Canada Student Loan**

Students should note the 'Summary of Obligations' on the reverse side of the Loan certificate prior to negotiating the Loan.

Interest on your Loan is paid by the Federal Government as long as the student is registered as a full-time student and for six months thereafter. The interest rates may be discussed with the lending institution (bank, credit union, etc.) since rates vary from year to year.

Students who have previously received Canada Student Loans, but who do not negotiate one for their immediate period of study, should submit a Schedule 2 to their lending institution in order to retain interest free status. This form must be obtained from the lending institution.



For further details, contact the Financial Aid Officer in the Student Services Centre.

\*NOTE: Applications must be submitted by July 1st if funds are required at the commencement of the fall term, by November 15 for the Spring Term and March 15 for the Summer Term.

## V.C.C. LANGARA AWARDS

The following awards are adjudicated within Langara.

### DEFINITIONS:

#### Scholarship

A scholarship is a cash payment, non-repayable, which is made to students in recognition of outstanding academic achievement. Scholarships are competitive, and some have additional requirements such as registration in a particular program or a particular level of studies.

#### Bursary

A bursary is a non-repayable award which is made to students proving financial need and holding a satisfactory academic record.

SEPARATE APPLICATIONS ARE REQUIRED FOR SCHOLARSHIPS AND BURSARIES. Both application forms are available at the Student Services Centre. Submit completed applications to the Financial Aid Office, with a copy of your latest transcript of marks, during the first month of classes.

THE ALPHA PROVINCE OF DELTA KAPPA GAMMA SOCIETY provides a \$100.00 bursary annually for a needy female student enrolled in a program at Langara leading to a profession in teaching or a career associated with education. Apply in fall or spring.

THE B.C. ASSOCIATION APPRAISAL INSTITUTE OF CANADA has established a \$200.00 scholarship to be awarded annually to an outstanding student in the fourth term of the Realty Appraisal Program at Langara. The scholarship is provided to recognize academic achievement and to encourage students to pursue careers in the challenging and rewarding field of Realty Appraisal. The recipient will be selected in the fourth term by the instructors of the Realty Appraisal Program. No application necessary.

THE BEHNSEN AWARD. A special award for students enrolled in the Fine Arts program at Langara is provided annually by the Behnsen Silk Screen Supplies Ltd. A trophy and a \$50.00 scholarship will be awarded on the basis of demonstrated achievement in the field of Fine Arts. The scholarship will enable the student to purchase up to \$50.00 worth of art supplies free of charge from Behnsens. The winner will be selected in the Spring Term upon recommendation of the Fine Arts faculty. No application necessary.

THE BIRKS FAMILY FOUNDATION BURSARY. The Birks Family Foundation has established a bursary fund from which bursaries may be awarded by the College to needy and deserving students attending Vancouver Community College, Langara. Apply in fall or spring.

BRITISH COLUMBIA FOREST PRODUCTS LIMITED ENTRANCE SCHOLARSHIP of \$250.00 is annually offered to a legal dependent of an employee of the company who, by June 30th of the year in which the awards are made, have or will have served with the company for at least one year. It is open to students proceeding in the Fall from Grade XII to a full program of studies at Vancouver Community College, Langara. The Scholarship will be awarded to the candidate with the highest record of scholastic achievement in their final two years of high school. No award will be made, however, to an applicant with an overall average of less than 70 percent. Applicants must give the necessary details of service with the company in their application. A private scholarship application form is available from the Student Services Centre and must be submitted together with high school transcripts to the Financial Aid Office. Application deadline: September 1st.

THE BRITISH COLUMBIA LUNG ASSOCIATION — THE CHRISTMAS SEAL PEOPLE awards a \$500.00 bursary to a student entering second year (fourth, fifth or sixth) semester Nursing at V.C.C. Langara in the Fall term. Applications must be submitted together with a transcript of marks no later than September 30.

THE CERTIFIED GENERAL ACCOUNTANTS ASSOCIATION OF B.C. (CONTINUING EDUCATIONAL TUITION SCHOLARSHIP) of \$400.00 is awarded each year to a second year student in the Business Administration Programs, enrolling in the C.G.A. Financial Management Course of study. Awards are made each Spring term on the basis of academic achievement. A Private Scholarship Application form is available from the Student Services Centre. Applications should be submitted not later than January 30 together with a copy of latest transcript to the Financial Aid Office.

THE C.P. AIR MEN'S ATHLETIC SCHOLARSHIP of \$250.00 shall be awarded to a V.C.C. Langara team member in one of the following sports: basketball, soccer, rugby, volleyball, or badminton. To be eligible, the team member must be enrolled in a minimum of five college level courses at Langara and attain a minimum "C" grade average. The recipient will be chosen by the Faculty. No application is necessary.

CREDIT UNION FOUNDATION OF BRITISH COLUMBIA BURSARY. The Credit Union Foundation of British Columbia has donated a bursary in the amount of \$100.00 for a student at V.C.C., Langara. It is the desire of the Foundation that the bursary be awarded to a Canadian who, without assistance, might otherwise have difficulty completing his or her studies by reason of financial hardship. The recipient must be a B.C. resident, enrolled in a minimum of 9 credit hours at Langara. Apply in Spring Semester.

D.J. HUNDEN BURSARY. A bursary of \$50.00 is provided by Mr. D.J. Hunden to a student attending Vancouver Community College, Langara. Eligibility will be based on financial need and satisfactory academic achievement. Apply in spring.

DATA PROCESSING MANAGEMENT ASSOCIATION annually provides two \$100.00 scholarships for students entering their third term in



the Data Processing Program at Vancouver Community College, Langara. Awards are based upon academic achievement and promise demonstrated in the field of Data Processing, upon recommendation of the Data Processing Faculty. No application necessary.

**DUTHIE AWARD.** Two annual awards in the form of a \$25.00 gift certificate each, are provided by Duthie Books Ltd. to Vancouver Community College students with good academic standing and demonstrated financial need. One will be awarded in the spring to a student in the Fine Arts Program. The other will be awarded in the summer semester and no restriction will be placed on the type of program for the recipient. No application necessary for spring award. Apply in May for summer award.

**EDELWEISS CREDIT UNION BURSARY.** A \$150.00 bursary is provided annually to a Langara student who is an active member or is the son or daughter of an active member of the Edelweiss Credit Union. Students wishing to be considered must clearly demonstrate their eligibility when completing the application form. Apply in any semester.

**THE ELVA WILSON SCHOLARSHIP** of \$200.00 will be awarded each year to a student who has completed at least two history courses at Vancouver Community College, Langara, and who shows interest in continuing studies in history in a university. The award will be presented in May each year on the recommendation of the History Instructors. No application necessary.

**FACULTY ASSOCIATION OF VANCOUVER COMMUNITY COLLEGE, LANGARA,** provides a limited number of bursaries to deserving students with demonstrated financial need. Apply in any semester.

**THE FACULTY ASSOCIATION OF VANCOUVER COMMUNITY COLLEGE, LANGARA,** offers two \$200.00 scholarships at the beginning of each term to Langara students with outstanding academic achievement. Applications should be submitted with copies of transcripts during the first month of each semester.

**THE FACULTY ASSOCIATION OF VANCOUVER COMMUNITY COLLEGE, LANGARA,** has established a Scholarship to be awarded annually to a student who has completed at least two of the Canadian Studies courses, is enrolled in the Canadian Studies Workshop, and who intends to complete at least four more Canadian Studies courses. The basis of the award will be financial need and academic standing during the first year. Applications with transcripts should be submitted to the Financial Aid Office during September.

**H.A. SIMONS (INTERNATIONAL) LIMITED BURSARIES.** To provide assistance for needy students at Langara who are undertaking full-time post-secondary Science programs, H.A. Simons (International) Ltd. has donated \$350.00 to be disbursed in the form of bursaries. Students with good scholastic standing in Chemistry, Physics and Mathematics, and who need financial assistance to continue their studies, are eligible for consideration. Apply in spring only.

**I.B.M. CANADA LTD. DATA PROCESSING SCHOLARSHIP.** I.B.M. Canada Ltd., Data Processing Division has established a \$300.00 scholarship to be awarded annually to an outstanding student in the third term of the Data Processing Program at Langara. The scholar-

ship is provided to recognize academic achievement and to encourage students to pursue careers in the challenging and rewarding field of Data Processing. The recipient will be selected early in the second year by the instructors of the Data Processing Program. No application necessary.

**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 Vancouver Community College, Langara. Awards will be made on the basis of demonstrated financial need. Amounts may vary from year to year. Apply in any semester.

Anna E. Sprott Chapter .....	\$100.00
Jessie F. Gordon Chapter .....	\$100.00
Kerrisdale Chapter .....	\$200.00
Kokanee Chapter .....	\$25.00
Lady May Cambridge Chapter .....	\$100.00
Mount Seymour Chapter .....	\$20.00

**THE INSTITUTE OF ACCREDITED PUBLIC ACCOUNTANTS OF BRITISH COLUMBIA** offers, as a scholarship, three *free* student memberships in the Institute of Accredited Public Accountants for a period of one year.

The awards are available to graduates of the first year Business Administration programme at V.C.C., Langara who show interest and promise in an accounting related career.

The selection of Candidates will be made after the Spring semester by the Business Administration Faculty. Applications are available from the Financial Aid Officer and must be submitted with a transcript of marks no later than April 30.

**INSURANCE INSTITUTE OF BRITISH COLUMBIA.** A scholarship of \$200.00 is provided by the Insurance Institute of B.C. for students entering a second year Business Administration program at Langara. The scholarship will be awarded on the basis of marks achieved during the first year. Apply in fall semester.

**THE J.D. GRAY AWARD FOR EXCELLENCE IN THE DISCIPLINE OF GEOGRAPHY.** An annual award has been donated to perpetuate the name of the Gray family of Keith, Banffshire, Scotland whose tradition of quiet service to others has helped make the world a better place for many. The award is open to students who have completed or are in the process of completing at least three Geography courses at Langara, and who intend to continue studies in Geography. Applications are available from the Financial Aid Office and must be submitted with a transcript of marks not later than January 31st.

**JOHN HENDERSON SCHOLARSHIP** of \$100.00 is provided annually by the Vancouver Parent-Teacher council to a student graduating from a secondary school, who will be enrolling at Vancouver Community College, Langara, in the first term of a full-time post-secondary program. Application forms are obtainable from Vancouver secondary school principals in May.

**KELLY, DOUGLAS & COMPANY LIMITED.** Two scholarships of \$75.00 each, provided by Kelly, Douglas & Company Limited, are awarded annually to Langara students, enrolled in the Food Services



Technician Program. One scholarship each will be available to the first and second year classes during the fall semester. Awards will be made upon the recommendation of the instructors. No application necessary.

**LAMBERT POTTERIES PURCHASE AWARD.** Two purchase awards of \$50.00 each are available to a 1st and 2nd year Langara student excelling in the field of ceramics. The purchased ceramics become a part of the collection on permanent display at V.C.C., Langara. The awards will be made upon recommendation of the Fine Arts Department in the Spring Term. No application necessary.

**THE LILY MUNRO BURSARY** of \$100.00 is given annually, in her memory, by Chapter C of the P.E.O. Sisterhood to a needy and deserving mature female student attending Vancouver Community College, Langara, on a full-time basis. The award will be available in June and applications must be made to the Financial Aid Officer in May.

**P.E.O. SISTERHOOD, CHAPTER AF** memorial bursary donates funds to assist a worthy female student in good standing who has financial need. Apply in any semester.

**PEPSI-COLA** offers an annual Scholarship of \$250.00. The scholarship shall be designated for a member of the Vancouver Community College, Langara Falcons Basketball Team. To be eligible, the team member must be enrolled in a minimum of five college level courses at Langara and attain a minimum "C" grade average. The recipient will be chosen by the Faculty. No application is necessary.

**POND'S UNIVERSITY FOOD SERVICES LIMITED** provides a \$50.00 Scholarship each Spring and Summer semester, awarded on the basis of academic achievement during the previous term. To be eligible, a student must have been enrolled in a full course load of studies in the previous term, and be enrolled in a full course load in the present term. Applications should be submitted with copies of transcripts during January for the spring award and May for the summer award.

**THE STUDENT SOCIETY, LANGARA** has donated funds to be utilized as bursaries for students in financial difficulty. Apply in any semester.

**THE THOMAS BROOKS MEMORIAL BURSARIES.** Bursaries to a total of \$500.00, gift of the Vancouver Presidents' Council of the P.E.O. Sisterhood, are available annually to full-time students attending Vancouver Community College, Langara. The awards will be made to students with good scholastic standing who are in need of financial assistance. Apply in any semester.

**THOMPSON, BERWICK, PRATT AND PARTNERS** provides an annual scholarship of \$100.00 to a student enrolled in the Fine Arts Program at Langara. The award is made in the Spring Term on the recommendation of the Fine Arts Faculty, and is based upon academic achievement in the previous term and promise in the field of Fine Arts. No application necessary.

**THE UNIVERSITY WOMEN'S CLUB OF VANCOUVER** has donated monies to be awarded as bursaries to needy female students at Langara. Apply in any semester.

**THE VANCOUVER BUSINESS AND PROFESSIONAL WOMEN'S CLUB** provides financial assistance for one or two mature female students enrolled at Vancouver Community College, Langara. Apply in any semester.

**VANCOUVER CITY SAVINGS CREDIT UNION** provides an annual bursary of \$250.00 to a student commencing the final term in a Career Program. The award will be based on performance, achievement, and financial need. Preference will be given to applicants residing in the lower mainland.

A private bursary application form is available at the Student Services Centre. Applications must be submitted no later than January 31 together with a transcript of marks to the Financial Aid Office.

**VANCOUVER FOUNDATION BURSARIES.** Funds are available from the Vancouver Foundation to assist undergraduate students who show sound academic achievement or promise, and who have financial need which cannot be satisfied entirely from other sources. Students who feel that they meet these basic criteria should consult the Financial Aid Officer for further information.

**THE VANCOUVER GUILD OF FABRIC ARTS** provides two Book Awards to honour two outstanding students in the Fine Arts Program at Langara. The recipients will be chosen by the Fine Arts Faculty and the awards will be presented during the Spring Semester. No application necessary.

**THE VERA KNOX BURSARY** donated by **THE ALTRUSA CLUB OF VANCOUVER** provides \$100.00 annually to assist needy and deserving female students. Eligibility will be based on demonstrated financial need and satisfactory academic achievement in a minimum of five courses. Apply in fall or spring.

**VICTOR PAVAMANI MEMORIAL BURSARY.** In order to perpetuate the beliefs and works of the late Dr. Victor Pavamani, the Langara Student Society has established a bursary in his honour. The bursary will be open to students who have completed at least one semester at Vancouver Community College and who have completed at least one psychology course. Apply in any semester.

**WILLIAM GEORGE SLATER MEMORIAL SCHOLARSHIP.** Ocean Construction Supplies Limited has established an annual scholarship of \$500.00 to honour the memory of William G. Slater, a former employee and a former student of Vancouver Community College. The scholarship is awarded annually to a full-time student at Vancouver Community College, Langara, who in the opinion of the selection committee, is best qualified in terms of academic merit, combined with interest and participation in school or community affairs, and who is proceeding to further studies in any field. Transcripts, together with application forms should be submitted to the Financial Aid Office during January and not later than January 30.

**WILLIAM V. FALCUS AND ASSOCIATES** provide a \$100.00 Scholarship to a graduating Realty Appraisal student. The award will be made to a student with good scholastic standing, and who in the opinion of the instructors has made a major contribution to the class by displaying a cooperative, understanding and helpful attitude toward his



or her peers. Selection is made in the Spring term by the Realty Appraisal Faculty. No application is necessary.

**XEROX OF CANADA LIMITED FELLOWSHIP AWARDS.** Two awards of \$125.00 each are provided each year by Xerox of Canada Ltd. to students entering the second year of a Business Administration Program at Langara, i.e. Realty Appraisal, Finance and Investment, Accounting, Data Processing, Marketing and Sales. The awards will be made to students on the basis of academic achievement and management potential. Consideration will also be given to the financial circumstances of those who are eligible. Application forms may be obtained at the Student Services Centre and should be submitted together with transcripts to the Financial Aid Office during the month of September only.

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## AWARDS FOR JOURNALISM STUDENTS

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No Applications Necessary.

**BRITISH COLUMBIA AND YUKON COMMUNITY NEWSPAPERS' ASSOCIATION** offers an annual award of \$100.00 to the top first-year Langara Journalism student returning for the second year. Winners will be adjudicated by the Journalism faculty.

**INTERNATIONAL ASSOCIATION OF BUSINESS COMMUNICATORS** provides an annual award of \$100.00. Adjudicated by the Journalism faculty.

**VANCOUVER-NEW WESTMINSTER NEWSPAPER GUILD** offers two scholarships of \$100.00 each to students in the Langara Journalism Program at the end of the fall semester. One winner will be selected from each of the first and second-year groups. Adjudicated by the Journalism faculty.

**VICTORIA PRESS GALLERY SCHOLARSHIP.** \$150.00 and a Perpetual Trophy is awarded to the Journalism student making the greatest contribution to the Savant newspaper. Judged by newspaper staff.

**JOURNALISM ALUMNI FUND** supplied by former Journalism graduates, now working in the media, provides a small loan fund for needy Journalism students. Applications, from enrolled students only, may be filed through the senior Journalism instructor.

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## OUTSIDE AWARDS

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The following awards are available, but are not administered by the College. Application procedures are detailed in the award description.

**BRITISH COLUMBIA ASSOCIATION FOR THE MENTALLY RETARDED BURSARIES.** Bursaries in various amounts are offered by the British Columbia Association for the Mentally Retarded to students in education, medicine, nursing, psychology, and social work in graduate or undergraduate programs who: (a) are undertaking a full year, part-time or summer school course at a recognized University or Col-

lege; and (b) intend to pursue studies related to Mental Retardation. Awards will be made on the basis of combined academic standing and need. Closing dates for submission of application forms are July 15th and December 15th. Forms of application may be obtained from: British Columbia Association for the Mentally Retarded, Room 221, 119 West Pender Street, Vancouver, British Columbia.

**B.C. ATHLETIC AWARDS.** Five Premier's Athletic Awards of \$1,000.00 each and 25 B.C. Athletic Awards of \$750.00 each are awarded annually by the B.C. Physical Fitness and Amateur Sports Fund. Applicants must show evidence of 1, athletic ability and performance; 2, leadership and character; 3, scholastic achievement.

All applications should be obtained from and should be addressed to Athletic Awards, B.C. Physical Fitness and Amateur Sports Fund, Parliament Buildings, Victoria, B.C. V8V 1X4. Submission deadline: June 1.

**B.C. CULTURAL FUND.** A number of scholarships are available annually in order to assist in the fine arts education and to stimulate advanced studies and professionalism in talented and dedicated British Columbians.

- A. Junior Scholarships — to a maximum of \$250 each — are tenable for a maximum of four years (upon reapplication each year) of full-time study, up to and including 2nd year of university and/or community college fine arts program.
  - preference is given to students attending fine arts schools and academies in British Columbia or other Canadian provinces.
- B. Senior Scholarships — to a maximum of \$1,000 each — are tenable for a maximum of two years (upon reapplication each year) of full-time study at the 3rd-4th year level of a university degree program, or for two years of full-time, professional non-degree training at a recognized post-secondary institution.
  - The student must be majoring in his/her program and of 1st class ability and standing.
- C. Fellowships — 10 at \$2,500 each
  - tenable for a maximum of two years (upon reapplication each year) and awarded through a competitive process, for specialized, advanced performance or professional training at the beginning of a professional career.
  - students in post-graduate academic fine arts studies are not eligible.

Further information and application forms for the above three awards may be obtained by writing to:

B.C. Cultural Fund, Ministry of Recreation and Conservation.  
Parliament Buildings  
Victoria, B.C. V8W 1K7

**THE BRITISH COLUMBIA HOTELS ASSOCIATION SCHOLARSHIPS.** Six scholarships of \$300.00 each, the gift of the British Columbia Hotels Association, are offered to students who are residents of British Columbia and who are beginning or continuing studies in the second, third, or higher year of University work. Selection of the winners will be made by the University on the basis of scholastic standing, personal qualities, and interest and participation in student and community



affairs. In making the awards financial circumstances of the candidates may also be considered. Further information and an application may be obtained from the University Awards Committee, Room 50, General Services Administration Building, U.B.C., Vancouver, B.C. V6T 1W5. Application deadline: July 1.

**THE B.C. INDIAN ARTS SOCIETY MEMORIAL BURSARY.** Two bursaries of \$150.00 each will be awarded annually by the B.C. Indian Arts Society in memory of those Indian Canadians who gave their lives in either World War. Native Indians or non-status Indian applicants must be from the Province of British Columbia and must be planning to enter one of the established universities or colleges in British Columbia, or some recognized technical school or other training centre. The awards will be made by the Executive Committee of the B.C. Indian Arts Society. If no application is received from a student entering the first year of university, then the bursary may be awarded to a student enrolled in any of the senior years. The application must be received by August 15th. Letter of application may be directed to: The Honorary Secretary, B.C. Indian Arts Society, c/o Provincial Museum, Victoria, B.C.

**CAL CALLAHAN MEMORIAL BURSARY.** A bursary, or bursaries, not exceeding \$2000 in total, will be awarded annually by the Pipe Line Contractors Association of Canada to a son, daughter or legal ward of persons who derive their principle income from pipeline construction. To qualify, the parent or guardian of the applicant must be employed by or have a history of employment with an association member firm. The applicant must be enrolled in first year studies at any recognized Canadian university or college in a program leading to a degree or certificate in any field.

Applications may be obtained from the association's executive office, Suite 203, 698 Seymour Street, Vancouver, B.C., V6B 3K6 and must be accompanied by transcripts of high school record and evidence of university or college enrollment. Closing Date for Applications: September 30th.

**CHEVRON CANADA LIMITED—SPECIAL SCHOLARSHIP.** Chevron Canada Ltd. offers a scholarship worth \$3,000.00 to children or wards of employees or annuitants of Chevron Canada Ltd., or of deceased employees who died while in the employ of the Company or any annuitants of the Company, and who have or had not less than one year of service with the Company. It will be open in competition to students proceeding to studies in the first year at an approved university or regional college in B.C. Candidates must write the scholarship examinations for High School Graduation (Academic or Technical) conducted in January and June by the Ministry of Education, Victoria, B.C. The scholarship will normally be awarded to the eligible applicant obtaining highest standing in these examinations, but grades obtained in other subjects taken during the year may also be considered. Should this applicant win another award, however, the scholarship may be given, at the discretion of the Selection Committee, to the eligible candidate with the next highest standing. No award will be made to a candidate with an overall average less than 70%. In the case of a tie, the decision will rest with the Selection Committee. The winner

of this award will receive \$750.00 during the first year of attendance and is eligible for renewals of \$750.00 a year for three further years. Each renewal is subject to maintenance of standing satisfactory to the Selection Committee. Further information and an application may be obtained from the University Awards Committee, Room 50, General Services Administration Building, U.B.C., Vancouver, B.C. V6T 1W5. Application deadline: July 1. You must give essential details of family employment with the Company. Be careful not to confuse this scholarship with Chevron Canada Ltd. Entrance Scholarships.

**CHILDREN OF WAR DEAD (EDUCATION ASSISTANCE) ACT.** Under the Education Assistance Act, eligible students are assisted by the payment of tuition and associated fees, not exceeding \$800.00 in an academic year, and by the payment of a monthly benefit which is presently \$61.14 for those under 21 years of age. The rate is \$237.75 for those over 21 years of age. Basic eligibility is established under the Pension Act when a pension, or pension status, is awarded to the dependents of a deceased veteran or deceased regular Armed Forces member, where such death is attributable to their service. The criteria for receiving such assistance are that the student must normally have completed secondary school and be entering a post-secondary training institution, and should normally do so within 15 months of secondary school graduation. For complete information, and application forms, contact: Education Assistance Officer, 1155 Robson Street, Vancouver, B.C. V6E 1B9.

**COMINCO HIGHER EDUCATION (ENTRANCE) AWARDS.** Cominco Ltd. offers annually, two classifications of one-year awards to children of employees who, on the completion of their secondary school, register in an institution of higher education. Class I awards in the amount of \$500.00 will be made to all students, sons or daughters of employees, who obtain 86% or better standing in their senior secondary school leaving course. Class II awards in the amount of \$350.00 will be made to all student sons and daughters of employees who obtain an average in the 73% to 86% range. Further information and application forms are available from the Secretary, Scholarship and Education Committee, Cominco Ltd., Trail, B.C. Application deadline: September 1.

**THE FAIRBRIDGE SOCIETY BURSARIES.** A number of bursaries, up to approximately \$500.00 each, are offered each year to children of former members of the Prince of Wales Fairbridge School, Duncan, B.C. These bursaries are available to students pursuing a full-time course of post-secondary studies at a recognized institution of learning. Applications should be directed to: The Secretary/Treasurer, Old Fairbridgian's Association, c/o Hood, Joe & Chong, 166 East Pender Street, Vancouver, B.C.

**FEDERAL GOVERNMENT EDUCATIONAL GRANTS FOR ATHLETES.** Awards of \$1,200.00 each are available to students with outstanding athletic achievements. The need factor will be given consideration where known. Enquiries should be made in early Spring to the Financial Aid Officer at the Student Services Centre. Application deadline: March 2.



**THE GRAND LODGE MASONIC BURSARIES.** The Grand Lodge of Ancient Free and Accepted Masons of British Columbia annually offers bursaries in the range of \$200 to \$600 each with preference to the sons, daughters and legal wards of active members of Masonic Lodges in British Columbia or of deceased members who at the time of their death were active members of those Lodges. The purpose of these bursaries is to give assistance to students who, without financial aid, would find it impossible or difficult to continue their education at the post-secondary level. Selection of winners will be made by the University in conjunction with the Board of Trustees from applicants with satisfactory academic standing who are beginning or continuing undergraduate studies at any British Columbia University, the B.C. Institute of Technology or a British Columbia Regional College, leading to a degree or certificate in any field. First preference will be given to applicants entering the University or College from Grade XII and then to undergraduates in the further years of studies. In order to be considered, a candidate must obtain from the University Awards Committee, University of B.C., a bursary application form. The completed application must be received by the University not later than July 1st. The application must be accompanied by a letter from the Secretary of the Lodge indicating the applicant's association with the Lodge. Since a special committee considers applications for these bursaries, those who also wish to apply for other bursaries should submit a separate application form for them. Each application must be accompanied by a transcript of the student's academic record at the academic institution most recently attended. If the Grade XII record is not immediately available it must be forwarded at the first opportunity.

**THE HELEN PITT FUND FOR FINE ARTS.** This fund in aid of Fine Arts students was established by the late Mrs. Helen Pitt and is administered by the Vancouver Foundation. It was Mrs. Pitt's wish that the income of the fund be used to provide awards "to students in the Fine Arts, particularly painting, who show ability, talent, need and worthiness in these pursuits, and who wish to further their education and advancement in this field in British Columbia or elsewhere. In making selection, preference shall be given to students from and in the district surrounding the city of Vernon, B.C." Awards are limited to B.C. residents who are full-time students registered in fine arts at a recognized institution. Preference is given to undergraduates. Further information is available by writing to the Helen Pitt Fund for Fine Arts, Vancouver Foundation, 1199 West Pender Street, Vancouver, B.C.

**HOCKEY CANADA SCHOLARSHIPS.** Awards of \$2,000.00 annually are made to students of outstanding hockey ability. This scholarship program is intended to encourage young men in both the pursuit of post-secondary education and the development of proficiency in the game of hockey. Duration of each award will be four consecutive years or until a university degree or community college diploma is obtained, whichever is the sooner, and provided the student establishes continuing eligibility with respect to academic and hockey progress. These scholarships are open to candidates with outstanding hockey ability who are Canadian citizens or who have held landed immigrant status for at least one year and who have graduated or are

about to graduate from a secondary school with satisfactory standing, or who are presently enrolled or have been enrolled in a post-secondary institution. Closing date for receipt of applications is April 30. For further information and application forms, write: Director of Awards, Association of Universities and Colleges of Canada, 151 Slater Street, Ottawa, Ontario.

**THE HOSPITAL EMPLOYEES' UNION (PROVINCIAL EXECUTIVE) BURSARIES.** Bursaries totalling \$1000.00 are offered by the Hospital Employees' Union Local 180 to students who are proceeding in the fall from Grade XII to a full program at the University of B.C. University of Victoria, Simon Fraser University, or any of the Regional Colleges in British Columbia, in any field leading to a degree, or leading to a diploma in Technology at the B.C. Institute of Technology. To be eligible an applicant must be the son or daughter of an active member of the Union ("active" being interpreted as on the staff of a hospital within the jurisdiction of Local 180, or on the staff as of January 1st of the year of award but since superannuated). The information given in the application form must clearly establish the applicant's connection with Local 180. The scholarships will be awarded to the students who, in the opinion of the University (in consultation with the Union), are best qualified in terms of financial need. Further information and an application may be obtained from the University Awards Committee, Room 50, General Services Administration Building, U.B.C., Vancouver, B.C. V6T 1W5. Application deadline: July 1.

**THE HOSPITAL EMPLOYEES' UNION (ROYAL JUBILEE UNIT) BURSARY.** A bursary in the amount of \$350.00 is offered by the Royal Jubilee Unit, Victoria, of the Hospital Employees' Union, Local 180. The award is available to students who are proceeding in the fall from Grade 12 to a full program at the University of B.C., the University of Victoria, Simon Fraser University, or any of the regional colleges in British Columbia, in any field leading to a degree, or leading to a diploma of technology at the B.C. Institute of Technology. To be eligible, an applicant must be the son or daughter of an active member of the Union ('active' being interpreted as on the staff of a hospital within the jurisdiction of Local 180, or on the staff as of January 1st of the year of award but since superannuated). The information given on the application must clearly establish the applicant's connection with Local 180. The bursary will be awarded to the candidate who in the opinion of the university (in consultation with the Union) is best qualified in terms of financial need. Further information and an application may be obtained from the University Awards Committee, Room 50, General Services Administration Building, U.B.C., Vancouver, B.C. V6T 1W5. Application deadline: July 1.

**THE HOSPITAL EMPLOYEES' UNION (VANCOUVER GENERAL UNIT) BURSARIES.** Two bursaries of \$350.00 each are offered annually by the Vancouver General Unit of the Hospital Employees' Union Local 180 to students who are proceeding in the fall from Grade 12 to a full program at the University of B.C., University of Victoria, Simon Fraser University, or any of the Regional Colleges in British Columbia, in any field leading to a degree, or leading to a diploma in Technology at the B.C. Institute of Technology. To be eligible an appli-



cant must be the son or daughter of an active member of the Union ('active' being interpreted as on the staff of a hospital within the jurisdiction of Local 180, or on the staff as of January 1st of the year of award but since superannuated). The information given in the application must clearly establish the applicant's connection with Local 180. The bursaries will be awarded to the two candidates who, in the opinion of the University (in consultation with the Union) are best qualified in terms of financial need. Further information and an application may be obtained from the University Awards Committee, Room 50, General Services Administration Building, U.B.C., Vancouver, B.C. V6T 1W5. Application deadline: July 1.

**THE HOSPITAL EMPLOYEES' UNION (VICTORIA GENERAL UNIT) BURSARY.** A bursary of \$350.00 is offered by the Victoria General Unit of the Hospital Employees' Union Local 180 to students who are proceeding in the fall from Grade 12 to a full program at the University of B.C., University of Victoria, Simon Fraser University, or any of the Regional Colleges in British Columbia, in any field leading to a degree, or leading to a Diploma in Technology at the B.C. Institute of Technology. To be eligible an applicant must be the son or daughter of an active member of the Union ('active' being interpreted as on the staff of a hospital within the jurisdiction of Local 180, or on the staff as of January 1st of the year of award but since superannuated). The information given in the application must clearly establish the applicant's connection with Local 180. The bursary will be awarded to the candidate who, in the opinion of the University (in consultation with the Union), is best qualified in terms of financial need. Further information and an application may be obtained from the University Awards Committee, Room 50, General Services Administration Building, U.B.C., Vancouver, B.C. V6T 1W5. Application deadline: July 1.

**IMPERIAL OIL HIGHER EDUCATION AWARDS.** Imperial Oil Limited offers annually, free tuition and other compulsory fees to the children of employees and annuitants who proceed to higher education courses. Initial awards, or renewal of awards, are restricted to students under 25 years of age on the first day of the month of registration for any undergraduate academic year.

To qualify, a student must attain an average mark of 70 per cent or higher in the secondary-school subjects on which admittance to the chosen post-secondary course and institution is based; or must have attained an average of 70 per cent or more on the full workload from a previous undergraduate year.

Courses may be taken at any Canadian university or other approved institution of higher learning, and awards are tenable for a maximum of four academic years, or the equivalent, at the undergraduate or bachelor degree level. The four levels of academic years are measured from the first year of entering a post-secondary institution. Further information and application forms may be obtained from The Secretary, Committee on Higher Education, Imperial Oil Limited, 111 St. Clair Avenue West, Toronto, Ontario M5W 1K3.

**THE INTERNATIONAL LONGSHOREMEN'S AND WAREHOUSEMEN'S UNION ENTRANCE SCHOLARSHIPS.** Four scholarships of \$500.00 each are offered to members, and sons and daughters of

members, in good standing, of the International Longshoremen's and Warehousemen's Union. They will normally be awarded to the candidates who obtain the highest standing in the Grade 12 Government Scholarship Examinations conducted in January and June by the Ministry of Education in Victoria, B.C. and who are proceeding in the fall to a full program of studies at any University or Regional College in B.C. The donors reserve the right to withhold awards if the academic standing of candidates is not sufficiently high, or to re-award scholarships if winners receive other scholarships of substantial value. Further information and an application may be obtained from the University Awards Committee, Room 50, General Services Administration Building, U.B.C., Vancouver, B.C., V6T 1W5. Application deadline: July 1.

**THE INTERNATIONAL LONGSHOREMEN'S AND WAREHOUSEMEN'S UNION UNDERGRADUATE SCHOLARSHIPS.** Three scholarships of \$350.00 each are offered to members, and sons and daughters of members, in good standing, of the International Longshoremen's and Warehousemen's Union. They are open to students in attendance at the University of B.C., the University of Victoria, Simon Fraser University or any Regional College in B.C. who will continue in a full program of studies in the next session in an undergraduate faculty. These scholarships will normally be awarded to the candidates with highest standing as determined by the results of the Final Sessional Examinations conducted in April by the named universities. Candidates must notify the University Awards Committee, U.B.C., by May 1st of their intention of competing. The donors reserve the right to withhold awards if the academic standing of candidates is not sufficiently high or to re-award scholarships if winners receive other scholarships of substantial value. Further information and an application may be obtained from the University Awards Committee, Room 50, General Services Administration Building, U.B.C., Vancouver, B.C. V6T 1W5. Application deadline: July 1.

**THE INTERNATIONAL WOODWORKERS OF AMERICA LOCAL 1-80 BURSARY.** The International Woodworkers of America Local 1-80 offers a bursary in the amount of \$400.00 in open competition to all I.W.A. Local 1-80 members or a wife, son, or daughter of an I.W.A. Local 1-80 member, or to a person who is wholly supported by a member in good standing of Local 1-80. For the purpose of eligibility in applying for the bursary, the wife, son, or daughter of a deceased I.W.A. Local 1-80 member in good standing at the time of his decease, or a member who is retired and was a member in good standing of Local 1-80 at the time of retirement, shall also be eligible.

In making the award the Bursary Committee will be guided by the following:

1. Estimated final mark for the school year.
2. Indication of need.
3. All applicants must be on the university program proceeding to any degree granting university, the B.C. Institute of Technology, regional colleges, or other accredited vocational or technical school to complete a course leading to establishing a career.

All those desiring to compete must notify the Financial Secretary of I.W.A. Local 1-80, 351 Brae Road, Duncan, B.C. by a letter not later



than May 15 of the current year. The I.W.A. Local 1-80 reserves the right to withhold the bursary if no candidate makes sufficiently high standing.

**THE JOHN B. MACDONALD ALUMNI BURSARIES.** In honour of Dr. John B. Macdonald, President of the University of B.C. from 1962 to 1967, seventeen bursaries of \$350 will be awarded to students entering the University of B.C. in the fall from the regional colleges in British Columbia. Selection of the winners will be based on academic ability and financial need.

Applications should be forwarded by July 1 to the following address: The John B. Macdonald Bursary Competition, c/o University Awards Committee, Room 50, General Services Administration Building, University of British Columbia, Vancouver, B.C. V6T 1W5.

**MACMILLAN BLOEDEL LIMITED SPECIAL SCHOLARSHIPS FOR DEPENDENTS OF EMPLOYEES.** Twelve scholarships of \$500 each, offered by MacMillan Bloedel Limited, are available annually to sons and daughters (or legal dependents) of employees of the Company serving in any MacMillan Bloedel Limited Division in North America. In addition to the \$500 scholarship award, special grants to equalize education opportunity may be made to students whose normal residence is remote from the university of their choice. No specific application is required for these grants. Because the majority of employees work in British Columbia, it is expected that most will be awarded in B.C. However, the diversity of the Company's operations will make it possible for awards to be made in other Provinces and in the United States. These scholarships are open to students graduating from secondary school and proceeding to studies at recognized institutes of higher learning. Awards will be made on the basis of academic ability and potential leadership as indicated by grade achievements in Grade XI and XII and participation in school activities. Application forms, which must be submitted by May 31st each year, may be obtained from the Manager or Personnel Supervisor at each operating division, or from the Secretary, Scholarship Committee, MacMillan Bloedel Limited, 1075 West Georgia St., Vancouver, B.C., V6E 3R9.

**MARGARET SINN BURSARY FUND.** As a bequest from the Margaret Sinn Estate, a limited number of bursaries of not less than \$100 each are available annually to provide financial assistance to students who have successfully completed at least one academic year in a school of nursing in British Columbia. Criteria for selection include: academic ability and general progress, financial need, recommendation of the school. Each recipient will sign a statement agreeing to return the bursary to the RNABC should he/she be unable to use the money for the forthcoming year of study in nursing.

Further information and/or application forms are available from: Registered Nurses' Association of B.C., 2130 West 12th Ave., Vancouver, B.C. V6K 2N3. All applications must be submitted by July 15.

**THE M. C. ROBINSON AND DONALD BUCKLAND MEMORIAL FUND** — The M. C. Robinson and Donald Buckland Memorial Fund is sponsored by The Canadian National Institute for the Blind. Captain Merrill C. Robinson, blinded since 1917, was the Director of the Canadian National Institute for the Blind, B.C.-Yukon Division, from 1929 to

1964. His contribution towards the development of CNIB and services to the blind of B.C.-Yukon will long be remembered. Donald Channing Buckland, a graduate and distinguished Faculty member of the University of British Columbia, was himself overtaken by blindness a few years before his untimely death. An annual award of \$200.00 is available from this Fund to any student having established permanent residence in British Columbia. Requests must be directed to the Executive Director of the B.C.-Yukon Division, CNIB, 350 East 36th Avenue, Vancouver, B.C. V5W 1C6, no later than September 15th of each year.

**MUNGO MARTIN MEMORIAL AWARDS.** The subject awards will be made annually from the proceeds of the Mungo Martin Memorial Fund, raised by public subscription under the sponsorship of the B.C. Indian Arts and Welfare Society of Victoria, B.C., to commemorate Mungo Martin, the late Kwakiutl chief, artist, philosopher and carver, who did so much to revive appreciation of Indian art and traditions of the Northwest Coast, winning renown far beyond its boundaries. The Fund is administered by a Board of Trustees appointed by the said Society for this purpose. Its members serve without remuneration. The Board of Trustees is the sole authority adjudicating awards and its decisions are final. Awards will be made in any amount or amounts in any one year within the limitations of available funds at the sole discretion of the Trustees. (Awards normally are expected to be from \$50.00 to \$300.00). The purpose of the awards is to assist people of Indian racial background to further their education, vocational training, skills and competence in arts, handicrafts and other worthy endeavours. While age and circumstances of qualifying candidates may vary considerably, preference will be given to young people. Candidates for awards must be of Indian racial background and must be domiciled in the Province of B.C. at the time of application. The recipient of an award may apply for a further award in a subsequent year. It is emphasized that these awards are open not only to those who wish to further their general education of skills, but in particular to those who seek to do creative work to further the artistic heritage of the Indian people, whether it be in painting, carving, music, and dance, folklore or language. Applications for awards should be made on forms provided by the Board of Trustees, and may be mailed at any time for consideration at periodic meetings of the Board, to the following address: The Board of Trustees, Mungo Martin Memorial Award Fund, c/o Mrs. Velva B. Rossieter, Humpback Road, R.R. #6, Victoria, V8X 3X2.

**NANCY GREENE SCHOLARSHIPS.** Ten Scholarships, each of \$750.00 awarded annually to those British Columbia students who apply and who best combine the qualifications set out below. Applicants must show evidence of good school and community citizenship, leadership and character, scholastic achievement and athletic ability and performance. Students are eligible to apply for this award if they are currently registered in a senior secondary school (including independent and private schools) and in any recognized college preparatory program in B.C. provided they plan to pursue an educational program at any post-secondary educational institution in the Province of British Columbia. Applicants must write a personal letter of appli-



cation to the Selection Committee, in which they should outline their scholastic and athletic achievements in Grades XI and XII and educational goals. Supporting letters are required from the school principal and other members of the community. A transcript of marks should accompany the principal's letter. Applications will be reviewed by a Selection Committee which will include representatives from the B.C. Amateur Sports Council and the Ministry of Education. Scholarships will be made available to successful applicants after proof that he, or she, has been accepted by the institution concerned and is registered provided they are not in receipt of a similar or other major award of \$500.00 or more. All applications should be postmarked not later than June 1, and are to be addressed to the Deputy Provincial Secretary, Parliament Buildings, Victoria, B.C.

**THE NANCY RYCKMAN SCHOLARSHIP.** Out of the proceeds of a fund bequeathed to the University by the late Nancy E. Ryckman, one or more scholarships to a value of \$700.00 will be awarded annually to a student or students beginning or continuing a course of study at the University. These scholarships will be available only to students who have completed at least one year at a university or regional college and who attended school in East Kootenay, British Columbia, for three years, of which two years must have been immediately prior to entrance to the University or College. It is the expressed wish of the donor that the scholarships be awarded to young men or women who require aid in obtaining a university education and that, in making the awards, consideration be given to character and intellectual promise. Further information and an application may be obtained from the University Awards Committee, Room 50, General Services Administration Building, U.B.C., Vancouver, B.C. V6T 1W5. Application deadline: July 1.

**NAVY LEAGUE OF CANADA SCHOLARSHIP.** This scholarship of \$100.00 is open to students who have been Royal Canadian Sea Cadets or Navy League Wrenettes. There are two categories: University entrance and community college entrance. The course of instruction must be of one or more year's duration leading to a diploma. These scholarships shall not apply where the government provides free tuition or grants to candidates. The value of the scholarships shall be made payable to the community college and be sent to successful candidates between September 1st and 15th. Such funds may be paid directly to the student, in special cases, at the discretion of the Scholarship Committee. Letters from the Corps C.O., Branch President, and Division President are required. Submit applications through the Navy League Branch responsible for the Corps of which the candidate was a member, to the responsible Division, or to the National Office, The Navy League of Canada. Applications must be received at the National Office on or before August 15th. For further information contact the local branch or The League of Canada, National Council, Suite 910, 85 Range Road, Ottawa, Ontario.

**RETAIL, WHOLESALE AND DEPARTMENT STORE UNION, LOCAL 517, SCHOLARSHIP.** This scholarship of \$250.00 is offered to dependents or legal wards of members of Local 517. It is open in competition to applicants who are proceeding from Grade XII to any accre-

dited University or College in British Columbia, in a full program leading to a degree or diploma. To be eligible for consideration an applicant must have a satisfactory academic standing (normally 65% or better average). In the selection of the winner the basic factor will be the academic standing of the applicant. Should there be a tie the financial need of the applicant and his or her family shall be the deciding factor. The winner will be selected in consultation with the Union. Further information and an application may be obtained from the University Awards Committee, Room 50, General Services Administration Building, U.B.C., Vancouver, B.C. V6T 1W5. Application deadline: July 1.

**THE RETAIL, WHOLESALE AND DEPARTMENT STORE UNION, LOCAL 580, BURSARIES.** Two bursaries of \$250.00 each are offered by the Retail, Wholesale and Department Store Union, Local 580 to active members, or sons, daughters and legal wards of active members of the Union in good standing. They are open in competition to applicants who are proceeding from Grade XII to studies at the University of British Columbia, the University of Victoria, or Simon Fraser University, or to a regional college in a full program leading to a degree in any field. To be eligible for consideration a candidate must have satisfactory academic standing (normally an overall average of at least 65% in Grade XII). In the selection of the winner, the basic factor will be the financial need of the candidates and their families. The winner will be selected in consultation with the Union. Further information and an application may be obtained from the University Awards Committee, Room 50, General Services Administration Building, U.B.C., Vancouver, B.C. V6T 1W5. Application deadline: July 1.

**THE ROYAL ARCH BURSARIES** — Several bursaries, up to \$500.00 each, have been established by the Royal Arch Masonic Order to give assistance to children of members in good standing, or of deceased members, of Chapters of the Order in British Columbia and the Yukon Territory, who need assistance to continue their education by attendance at a recognized university, the B.C. Institute of Technology, a regional or community college in B.C., or any other B.C. technical or vocational school, including schools of nursing. Wherever possible, bursaries will be made available in approximately equal proportions to students entering their first year, those entering their second year, and those entering higher years. Applications must be made on the form to be obtained from the office of the Grand Chapter of Royal Masons of British Columbia and the Yukon, Room 104, 1495 West 8th Avenue, Vancouver, B.C. V6H 1C9, or from secretaries of the Chapters in British Columbia and the Yukon, and must be completed and returned to the Grand Chapter office by July 15th. The application must clearly indicate (a) the applicant's relationship to a member of a Royal Arch Masonic Chapter in B.C. or the Yukon, giving the name of the chapter and attaching a letter from the secretary of the chapter confirming this fact, and (b) the applicant's financial circumstances and that of his or her immediate family, including information as to the parent's income. Qualifying candidates will be required to have good academic standing and must submit a transcript of marks with the application. How-



ever, consideration will be based primarily on the need of the applicant and secondarily on relative academic achievement.

**ST. JOHN AMBULANCE BURSARIES.** One or more bursaries of \$1,000 from the Margaret MacLaren Memorial Fund will be awarded annually to student nurse applicants entering or advancing their nursing education in the Diploma and Baccalaureate programs. One bursary from this fund may also be awarded to an experienced Registered Nurse for study at the Masters level.

Applications must reach National Headquarters not later than May 1, addressed to The Chairman, St. John Ambulance, 312 Laurier Avenue East, Ottawa, Ontario K1N 6P6.

**SIMON FRASER UNIVERSITY REGIONAL COLLEGE ENTRANCE SCHOLARSHIPS.** A number of scholarships ranging in value from \$175.00 to \$300.00 will be available to students entering Simon Fraser University from regional junior or community colleges. Students who have completed one or two years of study at such institutions and have maintained a high academic average on a full course load, and who have been recommended for the scholarship by the college from which they are transferring, will be considered. Only students who are proceeding with further university studies within one year of completion of one or two years of study at the regional college level will be eligible. Students who are not enrolled in a full university course load will ordinarily not be eligible. Deadline is the first day of classes in September at Simon Fraser University. For further information and application, contact Financial Aid Office, Simon Fraser University, Burnaby, B.C.

**SONS OF NORWAY FOUNDATION IN CANADA.** Three scholarships of \$600.00 each are offered by Sons of Norway Foundation in Canada to students who have shown interest in Norwegian culture, history or language. They are open to students who show evidence of sound academic performance and financial need. The awards are tenable at any recognized junior college, vocational institute, or university in Canada and can be any study year. Apply on forms available at the Institution of your choice and give all pertinent information. Forward application not later than July 30, to Sons of Norway Foundation in Canada, 905-935 Marine Drive, West Vancouver, B.C. V7T 1A7.

**TAHSIS COMPANY LTD. ENTRANCE SCHOLARSHIP.** Tahsis Company Ltd. offers annually a scholarship of \$500.00 to a first year student to attend The University of British Columbia, the University of Victoria, or Simon Fraser University. This scholarship is open in competition to sons and daughters of employees of the Company proceeding in the fall from Grade 12 to studies leading to a degree in any field. This scholarship is also open to students who intend to proceed to a Regional College or The British Columbia Institute of Technology under the following qualifying conditions:

1. That the applicant must take two consecutive semesters of work at the Regional College.
2. That the applicant must take a full program of work each semester in courses that will give him the equivalent of one full year of University credit at one of the universities in B.C.

3. That the courses taken must be in a program that will lead to a degree offered by one of the universities in B.C.

The application must state the name of the applicant's parents, one of whom must be currently employed by the Company, or have been employed for a minimum of one full year and then retired. Brief details of their service with the Company should also be supplied. All candidates must write the Government of B.C. Grade 12 Scholarship Examinations conducted in January or June by the Ministry of Education, B.C.

The award will be made to the candidate obtaining the highest standing. In the event that the candidate wins another scholarship; the University and the Company reserve the right to decide whether the Tahsis Company Ltd. Scholarship shall be paid to the winner or revert to the candidate with the next highest standing. Further information and an application may be obtained from the University Awards Committee, Room 50, General Services Administration Building, U.B.C., Vancouver, B.C. V6T 1W5. Application deadline: July 1.

**THE TRANS MOUNTAIN PIPE LINE COMPANY LIMITED SCHOLARSHIPS.** Trans Mountain Pipe Line Company Limited offers eleven scholarships in the amount of \$500 each to students beginning or continuing studies at the University of British Columbia. The awards will be made to students who reside in areas along the route of the Trans Mountain Pipe Line, i.e., the lower and upper Fraser Valley, especially Chilliwack, Hope, Merritt, Kamloops, and the North Thompson River region. In selecting the winners, the financial circumstances of the applicants as well as their academic standing will be considered. Application forms may be obtained from their Division offices and should be forwarded to the Trans Mountain Higher Education Awards Committee, c/o The Royal Trust Company, P.O. Box 2031, Vancouver, B.C. V6B 3R7.

**THE VANCOUVER SUN REGIONAL COLLEGE ENTRANCE SCHOLARSHIPS FOR SUN CARRIERS** — The Vancouver Sun offers annually three scholarships of \$250.00 each to students proceeding in the fall from Grade 12 to the first year of a regional college in British Columbia, in a full program of studies (comprising of two consecutive semesters or the equivalent) in courses leading to a university degree. To be eligible, an applicant must have been a carrier of the Vancouver Sun for at least two consecutive years. The awards will normally be made to the students with the highest standing based on their final secondary school transcript but in no case will an award be made to a student who obtains a standing of less than 70%. A winner who ranks in the top 10% of the students in the college and who proceeds to the second year of the college in a full program of studies leading to a university degree will be granted a renewal in the same amount. A winner who, after completion of one or two years of college, transfers to a full course of studies at a public university in British Columbia, and who ranks in the top 10% at the time of the transfer will qualify for a scholarship in the amount of \$500.00. For continued university attendance, they may then be eligible for up to two further renewals or until the first undergraduate degree is obtained, whichever is the shorter period.



Renewal each year is conditional upon the student ranking in the top 10% of students in the year and faculty in which he/she is registered.

Further information and an application may be obtained from the University Awards Committee, Room 50, General Services Administration Building, U.B.C., Vancouver, B.C. V6T 1W5. Application deadline: July 1. The application must be accompanied by the service certificate of The Vancouver Sun.

**THE WAR AMPUTATIONS OF CANADA, VANCOUVER BRANCH, BURSARIES.** Twenty bursaries of \$250.00 each, provided by the War Amputations Association of Canada, Vancouver Branch, are offered to children of active members of the Branch. These bursaries are available to selected students who are taking a full-time course of study beyond the Grade 12 level at a recognized institution of learning. Each applicant must have clear academic records in the program of studies in the year most recently completed. Applications should be directed to: The Manager, War Amputations Association of Canada, 1431 West Broadway, Vancouver, B.C.

**WILLIAM AND EMILY ROSS FUND.** This fund of the Vancouver Foundation provides bursaries for physically handicapped students. Contact: Vancouver Foundation, 9th Floor, 1199 West Pender St., Vancouver, B.C. V6E 2R1

**THE WILLIAM L. HURFORD MEMORIAL SCHOLARSHIP.** A scholarship of \$500.00, offered in memory of William L. Hurford by the British Columbia Maritime Employers' Association, is open to sons and daughters of members, in good standing, of the International Longshoremen's and Warehousemen's Union. The scholarship will normally be awarded to the candidate who obtains the highest standing in Grade 12 Government Scholarship Examinations conducted in January or June by the Ministry of Education, Victoria, B.C. and who is proceeding to a full program of studies at The University of British Columbia, University of Victoria, Simon Fraser University, or a Regional College in B.C.

Further information and an application may be obtained from the University Awards Committee, Room 50, General Services Administration Building, U.B.C., Vancouver, B.C. V6T 1W5. Application deadline: July 1. The donors reserve the right to withhold the award if the academic standing of candidates is not sufficiently high or to re-award the scholarship if the winner receives other scholarships of substantial value.

**YOUTH BOWLING CONGRESS SCHOLARSHIPS.** A number of scholarships up to \$150.00 each are open to all members of teams affiliated with the Youth Bowling Council proceeding from Grade 12 to any post-secondary institution. Further information and application forms are available from secondary school counsellors and principals. Applications must be submitted not later than May 1.

## LOANS

**BRITISH COLUMBIA YOUTH FOUNDATION LOANS.** The B.C. Youth Foundation was founded in 1946 by a donation from the late Mr. Jos. A. McKercher. An additional bequest has since been received from the estate of the late Mr. E. S. H. Winn.

Interest free loans are made to bona-fide B.C. young people to a maximum age of 30. Loans may be for fees, books, and/or a monthly allowance to assist with living expenses where the applicant is not living at home. Students eligible for government loans should apply to that source. The loans are not designed only for University or College education but are also made to students completing Grade 12 or studying in technical or vocational fields. A suitable adult guarantor is required. Applicants should have an aptitude for their chosen field of study and a reasonable chance of success. Hopefully they should contribute some of their own money to the cost of their education. Applications and further information may be obtained by contacting the Financial Aid Office.

**THE P.E.O. SISTERHOOD EDUCATIONAL LOAN FUND** — Loans are available to women students in any year of a university course, and may be requested at any time. The maximum amount of a loan to any student is \$1800.00. Fourth year or graduate students may be granted loans and draw the maximum loan in one year. Undergraduates may apply for and be granted the maximum loan of \$1800.00 for two or more years of study, but may draw only \$900.00 of the loan in one academic year. Freshmen must complete one term's work satisfactorily before making application. Loans may be considered for Summer School and for foreign study. Applications for Summer School Loans must be in before May 1st. Loans are made for periods up to five years. Interest at the rate of 4% is to be paid annually, and the student is expected to begin payment of the principal as soon as she is out of the university and employed. Further information may be obtained from the Dean of Women and from the area chairman, Dr. Ruth White, Department of French, U.B.C.



## DEPARTMENT OF NATIONAL DEFENCE CANADIAN FORCES (RESERVES)

### RESERVE ENTRY SCHEME OFFICERS PLAN (RESO)

Male or female students on a full-time diploma program at Langara Campus are eligible to enter the Reserve Entry Scheme Officers Plan. This plan carries no service obligation. Successful candidates are enrolled in the reserve forces as officer cadets and may be promoted to the rank of second lieutenant after the first year of military training.

The plan involves a minimum of 15 days training over the winter and a minimum of 12 weeks in the summer. During summer training, room, board and uniforms are provided without charge. The 1979/80 pay rates are:

Rank	Summer Training based on 12 weeks
Officer Cadet	
2nd Lieutenant .....	\$24.50 per day \$2,058.00
Lieutenant .....	\$34.00 per day \$2,856.00

To qualify for the program, students must be Canadian citizens, aged 17 to 22 (some exceptions possible) and medically fit.

Further information is available from the Financial Aid Officer at Langara Campus or from participating Armed Forces Reserve Units.

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## NOTES

## INDEX

Advance/Transfer Credit.....	13	Grade Point Average.....	12
Accounting Program.....	31	Grading.....	10
Admissions, Procedure.....	3	Grades, Appeal of Final.....	13
Admissions, Requirements.....	2	Grades and Grade Points.....	11
Ancillary Services.....	19	Grades, Statement of.....	13
Anthropology.....	108	Guidelines.....	15
Applied Arts Department.....	25	Health Service.....	21
Art in Merchandising Courses.....	50	History.....	115
Art in Merchandising Program.....	25	Intercollegiate Athletics.....	22
Art History Courses.....	109	Intra-Mural Program.....	22
Attendance.....	15	Journalism Courses.....	50
Biology.....	101	Journalism Program.....	26
Bookstore.....	22	Langara, Description of.....	iv
Business Administration		Languages, Modern.....	97
Courses.....	56	Library.....	20
Department.....	31	Library Technician Courses.....	70
Business Management Program.....	32	Library Technician Program.....	40
Campuses.....	iv	Loans.....	149
Canada Employment Centre.....	20	Lost and Found.....	19
Canadian Studies.....	111	Maintenance of Academic Standing.....	14
Centre for Humanistic Studies.....	108	Marketing and Sales Program.....	34
Certificates.....	8	Mathematics.....	93
Changes, Name or Address.....	17	Nursing Courses.....	78
Chemistry.....	104	Nursing Program.....	46
Classical Studies.....	9	Organization of	
Clubs.....	22	Vancouver Community College.....	ii
College Programs.....	vi	Orientation Day.....	17
Computer Science Courses.....	93	Overall G.P.A.....	12
Conditions of Credit.....	15	Parking Facilities.....	22
Correspondence Courses.....	7	Philosophy.....	118
Counselling.....	19	Photography Courses.....	53
Counselling, Religious.....	19	Photography Technician Program.....	28
Course Deletions.....	16	Physical Education.....	22
Course Descriptions.....	48	Physical Education &	
Court Reporting Courses.....	64	Recreation Courses.....	79
Court Reporter Program.....	37	Physical Education &	
Criminal Justice Courses.....	67	Recreation Department.....	47
Criminal Justice Program.....	38	Physics.....	106
Data Processing Program.....	33	Political Science.....	120
Diplomas, Requirements.....	8	Programs, College.....	23
Early Childhood Education.....	42	Psychology Courses.....	122
Early Childhood Education Courses.....	71	Publications.....	23
Economics.....	112	Reading Laboratory.....	20
English & Communication Courses.....	87	Realty Appraisal Program.....	35
English Language Assessment.....	3	Recreational Leadership Program.....	47
Examinations.....	11	Refunds.....	6
Expenses, Student.....	5	Registering on a Non-Credit Basis.....	15
Faculty.....	151	Registration.....	6
Fees.....	5	Religious Studies.....	124
Finance & Investment Program.....	33	Responsibilities of Students.....	18
Fine Arts Courses.....	75	Section Changes.....	16
Fine Arts Program.....	45	Scholarships & Awards.....	127
Food Services Technician Courses.....	68	Schedule.....	ix
Food Services Technician Program.....	39	Science Courses.....	100
French.....	97	Small Business Development	
Geography.....	113	Program.....	36
German.....	99	Sociology Courses.....	125