



KING EDWARD CENTRE
VANCOUVER
CITY COLLEGE
CALENDAR 1969 - 1970

1969-1970 SCHEDULE

SUMMER TERM 1969

May 1, 1969:	First day of Summer Term
May 5, 6:	Registration for Summer Term
May 7:	First day of classes
May 13:	Last day for change of courses
May 19:	Victoria Day: King Edward Centre closed
June 4:	Last day for refunds
June 16-25:	Department of Education examinations for College Preparatory students wishing to meet Departmental requirements in examinable subjects
July 1:	Dominion Day: King Edward Centre closed
August 1:	Last day for official withdrawal from courses to obtain a "W" mark
August 14:	Last day of classes
August 15-21:	Term-end examinations
August 31:	Last day of Summer Term

FALL TERM 1969

September 1, 1969:	First day of Fall Term; Labour Day, King Edward Centre closed
September 2, 3, 4:	Registration for Fall Term
September 5:	First day of classes
September 11:	Last day for change of courses
October 3:	Last day for refunds
October 13:	Thanksgiving Day: King Edward Centre closed
November 11:	Remembrance Day: King Edward Centre closed
November 14:	Last day for application for certificates or diplomas at end of Fall Term
December 1:	Last day for official withdrawal from courses to obtain a "W" mark
December 10:	Last day of classes
December 11-17:	Term-end examinations
December 25:	Christmas Day: King Edward Centre closed
December 26:	Boxing Day: King Edward Centre closed
December 31:	Last day of Fall Term

SPRING TERM 1970

January 1, 1970:	First day of Spring Term; New Year's Day: King Edward Centre closed
January 5, 6, 7:	Registration for Spring Term
January 8:	First day of classes
January 14:	Last day for change of courses
February 5:	Last day for refunds
March 13:	Last day for application for certificates or diplomas at end of Spring Term
March 27:	Good Friday: King Edward Centre closed
March 30:	Easter Monday: King Edward Centre closed
April 1:	Last day for official withdrawal from courses to obtain a "W" mark
April 17:	Last day of classes
April 20-24:	Term-end examinations
April 30:	Last day of Spring Term

SUMMER TERM 1970

May 1, 1970:	First day of Summer Term
May 4, 5:	Registration for Summer Term
May 6:	First day of classes
May 12:	Last day for change of courses
May 18:	Victoria Day: King Edward Centre closed
June 2:	Last day for refunds
June 15-24:	Department of Education examinations for College Preparatory students wishing to meet Departmental requirements in examinable subjects
July 1:	Dominion Day: King Edward Centre closed
August 1:	Last day for official withdrawal from courses to obtain a "W" mark
August 13:	Last day of classes
August 14-20:	Term-end examinations
August 31:	Last day of Summer Term

For registration dates for evening and Saturday morning College Preparatory classes, see separate brochure.

VANCOUVER CITY COLLEGE KING EDWARD CENTRE

CALENDAR 1969-1970

Vancouver City College reserves the right to change any regulation, provision or requirement in this calendar at any time, and to add or to withdraw courses at any time.

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ANNEX
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General Information



A. GENERAL INFORMATION

A Comprehensive Educational Program

In July, 1965 the Vancouver School of Art, Vancouver Vocational Institute, and King Edward Centre were co-ordinated as an educational complex called the Vancouver City College organized and operated by the Board of School Trustees, District 39 (Vancouver). Their combined facilities are designed to provide a broad variety of post-secondary education opportunities.

THIS CALENDAR APPLIES TO VANCOUVER CITY COLLEGE, KING EDWARD CENTRE, AND COVERS ACADEMIC AND TECHNICAL PROGRAMS OFFERED THERE.

King Edward Centre is organized in three four-month terms covering twelve months of operation. Two terms constitute a one-year program for students. Details of this organization will be found in the section headed "College Term".

The King Edward Centre Curriculum

Vancouver City College, King Edward Centre, offers a broad curriculum designed to serve the needs of most individuals who wish post-secondary education. Among the people it serves are:

- Those who seek first and second-year Arts and Science programs at the college level. Some of these students will transfer to one of the universities for further study; others will complete a broad general education for the College Diploma;
- Those who enrol in one of the variety of College Technical career programs designed to meet the needs of business and industry for technically-trained persons. Students may complete a one-year Certificate program, enter employment and later return to complete the second year of study for the Diploma. In most programs it is desirable to complete the Diploma program in two consecutive years;
- Those who do not meet College entrance requirements and wish to complete a College Preparatory program so that they may pursue College study;
- Those who wish to improve their general education in part-time study by enrolling in one or more regular College courses offered in the various fields of study;
- Those who wish to improve their vocational education by enrolling in one of the many courses in Business Administration or other technical fields either on a Certificate program or on an individual course basis;
- Those who wish to take advantage of short courses, workshops, seminars and conferences offered at the College from time to time to meet the requirements of various individuals and groups in the community.

The College Term

- The College term is four months long. Courses offered during each College term are complete courses for which final grades are assigned. Two College terms constitute a College year.
- There are three College terms during the calendar year:
 - The Fall Term: September to December (incl.)
 - The Spring Term: January to April (incl.)
 - The Summer Term: May to August (incl.)
- Successful completion of an approved program of study over four terms will fulfil Vancouver City College Diploma requirements.
- Students may commence College Arts and Science or College Preparatory programs at the beginning of any College term. Courses offered during any given term are determined by the number of students registering, the availability of faculty and classroom accommodation.
- Regular College courses may be taken in day or evening sessions for full credits.
- The College day extends from 8:30 a.m. to 10:30 p.m.

Residence

Vancouver City College is operated primarily for residents of the City of Vancouver. Accepted applicants who are residents of the City of Vancouver and accepted applicants

for Technical programs may enrol in classes from 8:30 a.m. to 10:30 p.m. Non-residents on the Arts and Science program may enrol only in classes after 6:30 p.m., but it must be remembered that Vancouver residents receive priority of admission to all College classes.

A resident of the City of Vancouver is defined as:

- Any person under 21 years of age on the first day of the current term who is a dependent of a parent(s) or legal guardian(s) who resides in the City of Vancouver, or who is/are the taxpayer(s) on real property in the City of Vancouver in respect of which real property taxes during the preceding calendar year amounted to at least \$75.00.
- Any person 21 years of age or over on the first day of the current term who resides in the City of Vancouver.

Others may apply for adjudication of residence status at the office of the Registrar.

Students not able to qualify as residents of the City of Vancouver as defined above are classified as non-residents.

The residence status of a student is established prior to or at registration. The responsibility of registering under correct residence status is placed upon the student. Similarly, the responsibility for reporting a change in residence status is the responsibility of the student. A student who furnishes false information regarding residence status shall be subject to suspension or dismissal. The Dean of Student Services will decide in such cases.

B. ADMISSION

Admission Requirements

An applicant eligible for admission is one who:

- has graduated from a British Columbia Secondary School or equivalent, or
 - has successfully completed a College Preparatory program, or
 - is accepted on the basis of a college entrance examination battery considered satisfactory by Vancouver City College, or
 - is accepted on the basis of previous experience;
- is nineteen years of age on the first day of the current term, or
 - is under nineteen years of age on the first day of the current term and is deficient in not more than two courses required for minimum secondary school graduation, or
 - is eighteen years of age on the first day of the current term and has not been attending school for the previous 12 months, or
 - is married.

Students From Other Countries

For admission to the College, persons from outside Canada, in addition to meeting residence requirements must provide proof of landed immigrant status or proof of application for landed immigrant status. Should a person be accepted by the College on the basis of application for landed immigrant status and such status is refused by the Department of Manpower and Immigration, then such person's tenure at the College may be terminated.

English Language Placement Testing

Applicants from other countries who are required to write a placement test prior to registration will be so informed by a counsellor. Dates for such tests are available at the Student Services Centre. Results of the testing may affect the student's placement in courses.

Student Classification

- Full-time College Student**
A student registered for five or more courses, at least four of which must be College-level courses.
- Full-time Student**
A student registered for five or more courses of which one, two or three are College-level courses.

3. Part-time College Student

A student registered for four or fewer courses, at least one of which is at the College level.

4. Full-time College Preparatory Student

A student registered for five or more courses at the College Preparatory level only (no College level).

5. Part-time College Preparatory Student

A student registered in four or fewer courses at the College Preparatory level only (no College level).

Counselling

Pre-admission assessment, counselling and course planning are available in the Student Services Centre throughout the calendar year. PROSPECTIVE STUDENTS MUST DISCUSS THEIR PROPOSED PROGRAM WITH A COUNSELLOR PRIOR TO REGISTRATION. Neither application nor acceptance may be completed by mail. It is essential that relevant records of previous education be brought to pre-admission interviews. It is the student's responsibility to secure a record of his academic standing from his previous school or college if he does not already possess one. Evaluations of standing at admission are made by the College counsellors and become a part of each student's permanent record at Vancouver City College.

Counsellors are available during the day and evening, Monday through Thursday, and during the day on Friday.

It should be remembered that at all times final responsibility for selection of courses, planning of a program and preparation of a term schedule remains with the student.

Registration

At the beginning of each term, certain days (indicated on the inside front cover of this calendar) are allotted to registration.

Priority of admission to the registration area is determined by the permanent registration number assigned to each student during his original pre-admission interview. Permanent registration numbers are called in series and prospective registrants are admitted to the area in that sequence.

Permanent Registration Number

The permanent registration number assigned at the first counselling interview remains unchanged throughout the student's College career. The number controls all student records, Statements of Grades, etc. All students should carry their student identification and library cards showing the registration number at all times while attending the College.

FEES

Tuition Fees (credit or audit)

1. The maximum fee for the College Arts and Science Program is \$100 per term at the rate of \$20 per course.

Note: Physical Education and Recreation courses with numbers up to and including 29 (e.g. P.E. 14, P.E. 27) are general activity courses for which the fees are \$10 per term. All courses numbered 30 and higher cost \$20 per term because they include additional instruction for professional preparation.

2. The maximum fee for the College Technical Program is \$100 per term at the rate of \$20 per course.

Exceptions:

- Technical course workshops: \$30 per term
- Some technical courses require additional materials or service fees: e.g., Art and Merchandising and Physical Education (see course descriptions)
- Technical students are required to pay a non-refundable deposit of \$20 when notified of their acceptance into a program.

3. The maximum fee for the College Preparatory Program taken on a full-time basis in day classes is \$100 per term at the rate of \$20 per course.
4. For Night School students the rate per course for College Preparatory evening or Saturday morning classes is \$20.

Miscellaneous Fees

1. Non-resident fee:
\$5 per course per term to a maximum of \$25 per term.
2. Late registration fee (charged King Edward Centre students who register late):
\$2 per course per term to a maximum of \$10 per term.
3. Student Society fee (charged all students enrolled in College or College Preparatory courses at King Edward Centre or Annex): \$1.00 per term for students registered in one, two, or three courses; \$3.00 per term for students registered in four or more courses. This fee is charged all students registered in the Fall and Winter Terms. In the Summer Term, the Student Society fee is \$1.00 for all students.

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, Page 12).

Note: No refund is granted on "Late Registration" or "Student Society" fees.

Scale of Refunds

Withdrawal in 1st or 2nd week of instruction—80% of the tuition fee
Withdrawal in 3rd or 4th week of instruction—50% of the tuition fee
Withdrawal after the 4th week of instruction—no refund

Note:

- (1) A student withdrawing from the College before the first day of instruction will receive a full refund minus a registration fee of \$2 per course to a maximum of \$10.
- (2) The preceding scale of refunds does not apply to College Preparatory courses offered through Night School or on Saturdays (see Evening Centre counsellor for information).

Fee Exemptions

Students who are Vancouver residents and under 19 years of age as of September 1, 1969 are exempt from tuition fees for those College Preparatory daytime courses (Monday to Friday) which they require for minimum secondary school graduation. These students will pay fees for any other courses in which they enrol.

In certain cases students who have been accelerated in a Vancouver school may be exempted from fee payment during their first College year. Students who consider themselves eligible will present a letter from their secondary school principal, certifying accelerated status.

Fee Payment

1. Registration is not complete until all fees are paid. Cheques or money orders must be made payable to "Vancouver City 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 payment or by certified cheque is granted, they may be readmitted 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.

Estimated Expenses

Students entering Vancouver City College should have sufficient funds to cover the expenses of a four-month term. A student carrying a full course load and living at home normally would require \$275 to \$300 to meet out-of-pocket expenses of a four-

month term, or \$550 for an academic year of two four-month terms. Over a four-month term, estimated expenses may be broken down as follows:

Tuition	\$100.00
Student fees	3.00
Books and Supplies	60.00 (approx.)
Transportation (\$9.00 per month)	36.00 (approx.)
Miscellaneous (\$20.00 per month)	80.00 (approx.)

C. ACADEMIC OBJECTIVES

Diplomas and Certificates

Vancouver City College offers short courses, workshops and seminars to meet requirements of special groups in the community. However, most full-time programs at City College consist of two or four terms.

1. College Certificate

Students who complete requirements for a two-term Technical program receive a Certificate showing the course work completed and standing granted.

Additional work in the third and fourth terms may lead to a College Diploma which may be acquired through day or evening study or a combination of both.

2. College Diploma

Students who complete a four-term program with a minimum of 60 credit hours of College work on an approved program receive the College Diploma. At least 30 credit hours must be earned at Vancouver City College. Students who have met the requirements for the College Certificate or College Diploma must make application for these at the Student Services Centre at least one month prior to the end of term classes and examinations (see inside front cover for final dates for such applications).

Diploma Requirements

Diploma requirements permit a high degree of flexibility in program selection to provide for individual student needs. These requirements include completion of a core program, a major field of study and electives to a minimum of sixty credit hours.

1. Core Subjects (21 credit hours required)

(a) Communications

2 courses from among those offered by the Department of English.

(b) Social Science; Mathematics and/or Science

Any 5 courses from among those offered by the Departments of Social Sciences, Mathematics and/or Science.

2. Major Field of Study (24 credit hours required)

Every four-term program is related to job preparation or to more advanced study. Each program requires a group of at least 8 courses that provide a concentration of study in a particular field such as accounting or science.

The major fields in the "Technical Program" (including Co-ordinated Programs) are listed under that heading. The major fields in non-technical programs are: English and Modern Languages, English and Social Sciences, Physical and Life Sciences, Mathematics, Mathematics and Science, Modern Languages, Social Sciences, Social Sciences and Modern Languages.

3. Electives (15 credit hours required)

Students may select courses to complete their programs from among those in which they are eligible to enrol. These may be related to their major field of study or may provide background in some field of particular interest to the student.

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

Conditions of Credit for College-Level Courses

Students generally must complete secondary school graduation, or equivalent, before credits will be granted for the completion of College-level courses. Those en-

rolled as "mature" students are not required to satisfy this condition to qualify for the College diploma.

Transfer to Other Institutions

Students who anticipate transfer from Vancouver City College to another educational institution should consult the registrar of that institution. The transferability of courses taken at Vancouver City College 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.

D. COLLEGE GRADING

Course Load

The normal load permitted a student in a term is fifteen credit hours of College level courses, and shall not exceed seventeen credit hours.

Students enrolled in College Preparatory classes only may register for six courses in a term. Students enrolled in a combination of College Preparatory and College level courses may under special circumstances be granted the privilege of enrolling in six courses, depending on the program elected.

Students who have maintained a grade point average of 3.0 may be permitted to carry a course load exceeding the prescribed limits. Requests for permission to do so must be submitted in writing to a College counsellor.

Term Work

The term essays, projects and reports, etc., assigned to students during the term account for over 50% 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 City College, that a student maintain 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 final examination in each course taken. Examination schedules are posted prominently about the College at least ten days before examination dates. It is the responsibility of the student to report examination clashes so that an adjustment may be made in his schedule.

Students who fail to write a final examination because of illness may appeal to the Dean of Student Services for special consideration. Appeals must be substantiated by a medical certificate.

Grades and Grade Points

Vancouver City College uses a letter system of grading the achievement of students.

Letter Grade		Grade Point Equivalent
A	Distinguished achievement The student distinguishes himself consistently in examinations, reports, and class participation.	4
B	Above-average achievement The student exhibits consistent mastery of the course and is able to relate the content of the course to other knowledge.	3

C	Average achievement The student demonstrates sufficient comprehension of the subject matter to indicate success in the next higher course in the same field.	2
P	Minimum passing achievement The student is granted credit for the course but is not permitted to proceed to the next higher course without department approval.	1
F	Failing grade (no credit) The student does not show evidence of understanding the course content in the specific subject field.	0
W	Withdrawn (no credit) Course not included in calculation of grade point average.	

Grade Point Average (GPA)

Grade point averages are reported on each Statement of Grades. The GPA is the sum of the grade points earned in the term divided by the number of courses taken which are subject to consideration in grade point calculation.

Courses preceded by an asterisk in this calendar are not included in calculation of the GPA. All other courses are given equal weight in calculation of the GPA.

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, rental textbooks 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 a ticket of admission to the registration centre for the next 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 Dean of Student Services. All appeals for re-assessment must be accompanied by a fee of \$5.00 for each course in which re-assessment is sought. Appeals must be received in the office of the Dean of Student Services, not later than fourteen days after the mailing date of the original Statement of Grades.

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 Dean of Student Services will inform the student of the committee's decision. If the mark is raised, the \$5.00 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.

Note: Final grades are established with great care. Barring clerical or machine errors, appeals seldom result in altered grades.

Maintenance of Academic Standing

A student whose grade point average in a term is .99 or lower will be allowed to re-register on probation for one term. If, in his probationary term, he again fails to achieve a grade point average of 1.00 or more, he may not register at the Vancouver City College (King Edward Centre) during the succeeding two College terms.

A student who has been refused re-admission at another institution because of lack of achievement will be placed on probation for one term at Vancouver City College.

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 Dean of Student Services (or his delegate) and the seal of the College.

Official Transcripts are available in the Student Services Centre upon request. Each student is entitled to one Transcript free of charge each term. A fee of 50 cents is charged for each additional Transcript.

Students intending to transfer to other educational institutions are advised to record their request for a Transcript in the Student Services Centre at least five days before the Transcript is required.

Auditing a Course

Provided space is available, a course may be audited by any person for the usual tuition fee, and non-resident fee where applicable. Since neither assignments nor examinations are required of an audit student, no credit or grade is given. A student wishing to audit a course or courses must apply to the Student Services Centre within two weeks of the beginning of classes.

Once registered a student cannot change from "audit" to "credit". A student wishing to change from "credit" to "audit" must apply to the Student Services Centre before the end of the sixth week of instruction.

E. COLLEGE REGULATIONS

Responsibilities of Students

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

Attendance

Regular attendance is required of students in all classes, lectures, laboratories, workshops and seminars. Irregular attendance may result 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 of 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 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.

Such changes, if approved, may be permitted if space is available up to and including the "last day for change of course" as listed in the College calendar. 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:

- 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;
- As a result of an exceptional circumstance—domestic, etc.—not anticipated at the time of registration.

Requests for section changes may be made at the Student Services Centre. Placement in a section after the close of registration is at the discretion of the Student Services Centre.

Withdrawals

A student officially withdrawing from a course must comply with the formal withdrawal procedure at the Student Services Centre before the last day for course withdrawals in order to receive a "W" standing. Failure to do so will result in an "F" grade.

The last day for official withdrawal from courses in each term is listed on the inside front cover of this calendar.

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 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.

F. COLLEGE SERVICES

Student Services Centre

The Student Services Centre is located on the lower floor of the gymnasium. The counselling staff offer the following services during College hours: career planning, course advising, personal counselling, occupational and vocational information.

A library of calendars of other post-secondary institutions is maintained. This centre also provides a testing and assessment service.

All enquiries regarding educational records or requests for Transcripts must be made here.

Religious Counselling

Arrangements may be made through the College for students to receive religious counsel. Students interested should contact Student Services.

Library and Study Facilities

The library, located on the fourth floor north in the main building, is the principal centre for books, tapes, records and other educational materials. Reserve books and periodicals are available in the reserve book room, third floor, south hall.

Room 249 on the second floor—opposite the General Office—and room 229E are other major study areas; and study carrels have been installed in the corridors of the third floor.

These facilities are provided for quiet study and preparation of assignments. Study areas are also available at the Annex.

A language laboratory and a reading development laboratory are located in the main building for instruction and study. An extensive collection of tapes for instructional reinforcement are available for independent study; these may be borrowed for use in the listening room adjoining the Library.

Reading and Writing Skills Services

Special developmental programs are available for those wishing to increase their reading speed and comprehension or to improve their writing skills.

Students enrolling for either of these services will attend a one-hour lecture and two one-hour laboratory sessions per week.

The writing skills program is designed to improve composition techniques and to assist students in all types of written assignments and in note-taking.

Student Society

The 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 and administration.

All students are assessed a Student Society fee to provide funds for the operations of the Society.

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

Student Placement Centre

The Department of Manpower and Immigration provides a year-round service for students enrolled in one or more post-secondary courses at Vancouver City College.

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

Graduating students should arrange for an appointment for interviews and completion of applications for employment as early as possible after final term enrolment so that they may be considered for interview appointments with employer-recruiters.

Students seeking information about career opportunities should contact this centre. A library of occupational publications and other information supplied by employers is being maintained for use of students and faculty.

Offices are located in the Student Services Centre. Business hours are 8:30 a.m. to 5:00 p.m., Monday to Friday.

Companies and government departments are encouraged to write for further information to: The Head, Placement Centre, c/o Student Services, Vancouver City College, King Edward Centre.

Student Facilities

Two cafeterias are operated—one on the lower floor of the gymnasium building and the other in Room A-15 in the Annex.

A student lounge is located in the southeast corner of the main building, on the second floor.

Room and board usually are obtainable in several homes in the area, but the College assumes no responsibility for housing accommodation. Available facilities are posted regularly on a bulletin board in the main hall.

Parking Facilities

The College parking area for students is operated by Metro Parking. Public parking regulations apply to students. Entrance to the lot is on 10th Avenue and students use the east side of this lot. The rate is 25c per car for each entry. Motorcycles are charged \$1.00 per month.

Areas marked "Lot A" and "Lot B" are reserved for Faculty use only. Under no circumstances are student cars to be parked in Lot A or Lot B, or on the Annex

grounds. Unauthorized cars (i.e. those without an appropriate window sticker) will be towed away at the expense of the owner.

Clubs

Any group of students in good standing at Vancouver City College may organize a club on campus. They may apply for Student Council 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 Students' Council.

Physical Education

Because of the importance of physical fitness and the desirability of cultivating leisure-time recreational interests, students are encouraged to enrol in activity courses in physical education.

Gymnasium facilities are provided for physical education, games and other activities. An outdoor area also is available for student recreation.

An intramural sports program is conducted by the Department of Physical Education and students are encouraged to participate in the various phases of the program.

Students also are invited to organize other similar activities for which there is an expressed desire, provided these are approved by the Department of Physical Education.

Lockers

Approximately 1,000 lockers are available in the Main Building. There is no priority system for these, nor are any reserved. Each student who secures a locker is responsible for its contents and for the locker's security.

All lockers must be cleared by term-end in April. Spring Term students who enrol for the Summer Term may retain their lockers by using identification stickers available in the Main Office.

Bookstore

The Bookstore, located north of the gymnasium-cafeteria building, stocks texts and supplementary books for College courses and other books and periodicals of general interest.

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

Publications

The College newspaper, THE SAVANT, is published weekly throughout the term by the Journalism class. 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.

SCHOLARSHIPS, BURSARIES AND LOANS

Scholarships and Awards

GOVERNMENT OF BRITISH COLUMBIA SCHOLARSHIPS—To be eligible a student must have completed secondary school graduation and be enrolled in five College level courses or a full Technical program.

Awards are based on current term results and will be applied to fees in the subsequent term or year at Vancouver City College, the University of British Columbia, or Simon Fraser University. **Applications may be filed each term and MUST be submitted prior to the writing of the final term examinations.**

First-class Scholarships (representing three-quarters of tuition fees), Upper Second-class Scholarships (representing one-half of tuition fees), and Lower Second-class Scholarships (representing one-third of tuition fees) are awarded on the basis of a Grade Point Average (GPA).

ASSOCIATION OF ADMINISTRATION ASSISTANTS AND PRIVATE SECRETARIES provides in the graduating year an award of \$25.00 to the student with the highest proficiency during the two-year course.

CERTIFIED GENERAL ACCOUNTANTS ASSOCIATION OF B.C. provides two scholarships of \$50.00 each to students intending to qualify as professional accountants. Awards are made each spring term on the basis of achievement in the previous term.

VANCOUVER CITY HALL EMPLOYEES' ASSOCIATION provides two annual bursaries of \$100.00 each to persons or their dependents holding a membership in the association for at least two years. Awards will be made in the Spring Term.

SAMUEL PATRICK CROMIE—PACIFIC PRESS CREDIT UNION MEMORIAL SCHOLARSHIP in the amount of \$400 is awarded annually to the son, daughter or legal ward of a member of the Pacific Press Credit Union who, by August 15th, has been a member for at least twelve consecutive months and an employee of the company; or of a deceased member, who at time of death had been a member for at least twelve consecutive months and an employee of the company. A letter of application should be filed with Union trustees no later than August 15. Applications will be judged on the basis of scholastic standing.

DATA PROCESSING MANAGEMENT ASSOCIATION annually provides two \$50 scholarships for students entering their third term in the Data Processing Program at Vancouver City College. Awards are based upon academic achievement and promise demonstrated in the field of Data Processing.

JOHN HENDERSON SCHOLARSHIP of \$300 is provided annually by Vancouver Parent-Teacher Council to a student enrolling in the first term of a college program at Vancouver City College. The award is made on the basis of demonstrated leadership qualities and academic achievement.

NATIVE CANADIAN INDIANS—Simon Fraser University offers an annual scholarship of \$500 to a native Indian male student who plans to continue his studies at SFU. The award is made on the basis of demonstrated academic potential. SFU also has other funds available for native Indian students.

INDUSTRIAL CATERING LTD. offers two \$50 scholarships, one awarded at the end of the Fall Term and the other at the end of the Spring Term. Awards are made on the basis of academic achievement during the term.

VANCOUVER JAYCETTES provide an annual scholarship of \$100 to a student in need of financial assistance who is entering his second term at Vancouver City College.

PACIFIC COMMAND OF THE ROYAL CANADIAN LEGION provides "Bursaries—Scholarships" valued at \$200-\$300 and awarded on the basis of financial need and academic achievement. To be eligible a student must be a dependent of a veteran and must be entering a full-time program of studies at the first year College level. Applications must be submitted to the Royal Canadian Legion by May 31 of each year.

HOWE STREET (VANCOUVER) CANADA MANPOWER CENTRE STAFF WELFARE ASSOCIATION provides a scholarship of \$250 each year for the son or daughter of a member of the Canada Manpower staff. The scholarship is available only for a student pursuing his or her education at the post-secondary level including attendance at Vancouver City College. Application for this scholarship should be made through Mr. R. Waite, 549 Howe Street, Vancouver, B.C.

GRAND LODGE OF ANCIENT FREE AND ACCEPTED MASONS OF B.C. annually makes a number of grants in the amounts of \$200-\$300 to sons, daughters and legal wards of active members of Masonic Lodges or of deceased members who at the time of their death were active members of those Lodges. Awards are made on the basis of demonstrated financial need. Application forms may be obtained from the Grand Secretary, 692 Seymour Street, Vancouver and must be returned by July 15.

WILLIAM GEORGE SLATER MEMORIAL SCHOLARSHIP—Ocean Cement Limited has established an annual scholarship of \$350 to honour the memory of William G. Slater, a former employee, and a student of Vancouver City College. The scholarship will be awarded annually to the applicant 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 is proceeding to further studies in any field. Completed application forms must be returned to the Student Services Centre no later than January 1.

VANCOUVER CITY COLLEGE STUDENT SOCIETY each term provides four scholarships to men and women students in full-time attendance in both academic and technical programs. Awards are made on the basis of achievement and financial need.

BURSARIES

GOVERNMENT OF BRITISH COLUMBIA BURSARIES (Awards made primarily on the basis of demonstrated financial need): To be eligible a student must have completed secondary school graduation with an average not lower than 65%, must be enrolled in five College level courses or a full Technical program at Vancouver City College and must undertake to attend for two continuous terms.

Normally assistance is in the range of \$75 to \$150 per academic year. Larger amounts may be authorized in exceptional cases. Applications must be submitted to the British Columbia Department of Education by August 5 of each year.

FACULTY ASSOCIATION OF VANCOUVER CITY COLLEGE provides a number of bursaries valued at \$50 to be awarded to full-time students at Vancouver City College. Awards will be based primarily on demonstrated financial need. Application forms should be submitted to the Financial Aid Officer at the College no later than September 15 for the Fall Term and January 15 for the Spring Term.

LOANS

CANADA STUDENT LOANS: To be eligible a student must:

(a) have completed secondary school graduation (any program) and be enrolled in a College Technical program

OR have completed secondary school graduation on an Academic or Academic-Technical program and be enrolled in a College Academic or General Education program;

(b) be enrolled in **five** College level courses or in a full College Technical program;

(c) undertake to attend for two continuous terms at the same institution.

Loans of up to \$1,000 are available each academic year (two continuous terms) to a maximum of five years and are interest-free until six months after completion of full-time post-secondary studies directed towards a degree or diploma.

A loan will be granted only after the student is formally enrolled in a full-time program. Students thus must have sufficient funds to pay for fees and books at registration.

Canada Student Loans are made for educational purposes only and the amount granted will be based upon demonstrated financial need.

THE PEO SISTERHOOD EDUCATIONAL LOAN FUND—Loans are available to women students in any year of an academic program and may be requested at any time. The maximum amount of a loan to any student is \$1,250. Eligible students may apply for and be granted the maximum loan of \$1,250 for two or more years of study, but may draw only \$625 of the loan in one academic year.

STUDENT ASSISTANCE FUND—This fund provides limited emergency assistance to students who are not eligible to receive financial aid from other sources. The fund is maintained by donation. In the 1968-69 academic year donations to the Student Assistance Fund were received from:

(a) Mr. J. R. Evans

(b) College Services Fund

Application forms for all types of financial assistance may be obtained at the Student Services Centre of Vancouver City College. Students who are interested should enquire there for final dates for such applications.

College Programs



COLLEGE PROGRAMS—1969-1970

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

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

College Arts and Science

College programs are offered in a number of subject areas including English, Mathematics, Social Sciences, Physical and Life Sciences, Foreign Languages, and Physical Education. Students will find requirements in these programs very flexible.

Appropriate course selection may lead to College graduation in Arts and Science, to specialized training in a technical field or to advanced study at other post-secondary institutions. Many of these programs are available in the Evening Division.

College Preparatory Program

Adults wishing to prepare for College entrance may do so by completing the College Preparatory program in either of two ways.

If they wish to study intensively they may register in the day program of the College as "Preparatory students" and will be admitted to the classes in Preparatory subjects offered for College students. Preparatory students are encouraged to participate in a full program of the College and to enjoy its benefits including use of the Library, seminar periods and access to the Faculty during office hours.

The second method of completing College entrance standing is by enrolment in the Night School College Preparatory program offered by the Board. Night classes for this program are conducted at Kitsilano, John Oliver and Vancouver Technical Secondary Schools on weekdays and at King Edward Centre on Saturday mornings.

Because of time limitations and because night school students generally are older than day students, less time is assigned to instruction in this evening program. More responsibility is placed on students since they have little access to the resources of the College.

Completion of the College Preparatory program qualifies students to apply for admission to Vancouver City College in those courses or programs for which they have completed the prerequisites.

Grades earned also will be recognized by the provincial Department of Education for standing at the Grade Twelve level on the Adult Secondary program except for those courses in which departmental examinations are prescribed.

Preparatory students planning to attend any post-secondary institution are advised to consult a Vancouver City College counsellor prior to making application to that institution bearing in mind that responsibility for satisfying admission requirements to that institution remains with the student.

A pamphlet providing full details of this program is available at the following centres:

	Telephone
King Edward Centre.....951 W. 12th Ave.	738-3191
John Oliver Secondary School.....530 E. 41st Ave.	327-3613 (2:00-5:00 p.m.) 327-8341 (after 6:00 p.m.)
Kitsilano Secondary School.....2550 W. 10th Ave.	738-5636 (7:00-9:30 p.m.)
Vancouver Technical Secondary School2600 E. Broadway	255-2645 (7:00-9:30 p.m.)

Headquarters for counselling and records is Vancouver City College, King Edward Centre.

The following courses are available:

Canadian Viewpoints, Algebra, Biology, Chemistry, Physics, English, Literature, Geography, History, Advanced Mathematics, French, German, Spanish, Typing, Bookkeeping, General Mathematics, General Business, Office Practice and Orientation.

College Technical Programs

Programs in technical fields lead to careers in business, industry and community resources. These programs have been developed with the co-operation of advisory

committees. Because of their specialized nature, technical programs allow students to enrol in a limited number of electives.

Technical programs are arranged for either two terms or four terms. This arrangement makes it possible for students to complete the first two terms, which usually emphasize the practical aspects of the specialty, and then to enter employment. The third and fourth terms then can be taken through College evening classes for Diploma credit.

Other students may prefer to complete the four-term program in regular full-time study for Diploma standing.

Students accepted into any of these programs are required to complete all the prescribed courses.

The College reserves the right to make necessary changes in the courses listed in any program.

Enrolment is limited.

Courses followed by "W" are available only to students enrolled in the applicable technical program.

The following full-time career programs will be offered during the 1969-1970 College year:

Business Administration

Accounting
Secretarial Science
Finance and Investment
Marketing and Sales
Data Processing

Community Services

Food Services Technician Training
Library Assistant Training
Museum Assistant Training
Pre-School Teacher Training
Recreation Technician Training
Teacher Assistant Training
Welfare Aide Training

Art and Merchandising

Journalism

Theatre Arts—Drama

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

In addition to these programs offered at King Edward Centre certain programs at Vancouver Vocational Institute may be combined with study at the Centre for a College Diploma. (See CO-ORDINATED PROGRAMS)

Accounting Program

Accounting Advisory Committee

E. Affleck, Director of Education, Institute of Chartered Accountants, Vancouver, B.C.
L. W. Linnitt, Linnitt, Cornish and Company, Vancouver, B.C.
R. G. Martin, Terminal City Iron Works Ltd., Vancouver, B.C.
W. C. McCalpin, Leche and Company Ltd., Vancouver, B.C.
K. Simpson, Young, Ross, Anthony & Associates, Vancouver, B.C.

The courses included in this program provide a useful preparation for those interested in the accounting occupations in business and industry. It also offers preparatory training for students who may consider working towards membership in the Institute of Chartered Accountants, the Certified General Accountants' Association, or the Society of Industrial and Cost 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 in accountancy who chooses to continue study towards professional qualification.

First Term

English 15A
Geography 15
Psychology 17
Accounting 15A
Mathematics 18
Business Law 15A

Second Term

English 15B
Mathematics 23
Business Procedures 15
Accounting 15B
Business Law 15B

Third Term

English 20
Economics 21A
Fundamentals of Finance 21A
Auditing 23A
Accounting 21A

Fourth Term

Data Processing 15
Economics 21B
Auditing 23B
Accounting 21B
Management Policy and Practice 21

Note: Students who have completed Bookkeeping 11, Bookkeeping 12 and Accounting 12 with a C+ or higher average may be admitted to Accounting 15B instead of Accounting 15A providing there is sufficient number to form a full class. If students are given advanced credit for Accounting 15A, they must take Mathematics 16A or another assigned course in lieu of Accounting 15A.

Secretarial Science Program

Secretarial Science Advisory Committee

P. Brien, Office Supervisor, B.C. Hydro and Power Authority, New Westminster, representing the Administrative Management Society.
Miss E. Caldwell, MacMillan, Bloedel and Powell River Co., Vancouver, B.C., President, Administrative Assistants and Private Secretaries Association.
D. M. Carse, Office Services Supervisor, B.C. Telephone Co., Vancouver, representing the Administrative Management Society.
W. L. Fraser, Regional Personnel Administrator, Department of Indian Affairs and Northern Development, Vancouver, B.C.
Miss Joan Hewett, Secretary-Treasurer's Department, Vancouver School Board, Vancouver, B.C., President, National Secretaries Association, Vancouver, B.C.

This program offers the opportunity to acquire much more than the basic skills required in normal stenographic positions. The first two terms emphasize skill training including shorthand, typing, filing and other basic business subjects. These are supplemented by some College subjects closely related to secretarial functions. Successful students are issued a Certificate in Secretarial Science which is adequate preparation to enter the well-paid field of beginning level skilled office work.

The second or Diploma year emphasizes advanced training in business subjects supplemented by some general education courses and considerable opportunity to improve basic secretarial skills. The diploma year may be completed in two terms through full-time attendance or over a longer period through part-time attendance in the day and/or evening.

First Year Certificate Program in Secretarial Science

Entrance requirements are secondary school graduation on any program. Students on other than the Commercial Program will not be handicapped by lack of skill training or office experience. Students with proven standards of 50 w.p.m. in typing and/or 100 w.p.m. in shorthand may be given advanced credit but will be required to take other subjects in lieu and to continue practice in order to maintain their skill.

Mature students with less than Grade 12 completion are acceptable providing they have a reasonable equivalent in terms of experience and/or non-credit study.

First Term

Typing 15A
Shorthand 15A
Personal Development 15AW
English 15A
Mathematics 19

Second Term

Typing 15B
Shorthand 15B
Personal Development 15BW
Secretarial Procedures 15BW
English 15B
Business Procedures 15

Second Year Diploma Program in Secretarial Science

The second year of training, supplemented by office experience, should prepare the student for senior secretarial positions including those at the executive level. This program is available to graduates of the first year Secretarial Science Program, graduates of vocational school secretarial training, and experienced office workers with previous secretarial training and proven basic skills in typing and shorthand.

First Term

English 20
 Geography 15
 English 17A or elective
 Business Law 15A
 Secretarial Procedures 21AW
 Personal Development 21AW

Second Term

Accounting 17
 Personnel Management 15 or
 Psychology 17
 Science 17 or elective
 Data Processing 15 or elective
 Secretarial Procedures 21BW
 Personal Development 21BW

Note: Students may take approved equivalent courses in the Evening Business Administration Program.

Secretarial Workshop (Courses followed by "W") in both years.

The first year workshop emphasizes use and care of various office machines, training and counselling in personal development as required by secretaries, filing systems and a variety of office procedures.

The second year workshop emphasizes advanced secretarial responsibilities such as: arrangements for meetings and conferences, minutes, development of travel plans, banking, personal financial records, and supervision of personnel. It also affords opportunity to improve basic skills acquired in earlier training.

Data Processing Program**Data Processing Program Advisory Committee**

- J. S. Bartlett, Manager, Pacific Tabulating and Statistical Ltd., Vancouver, B.C.
 W. Detwiller, Supervisor of Operations, Computing Centre, University of British Columbia, Vancouver, B.C.
 Dr. E. N. Ellis, Department of Research and Special Services, Vancouver School Board, Vancouver, B.C.
 C. A. Harris, Data Processing Manager, Finning Tractor Co., Vancouver, B.C.
 G. T. Herbert, Data Processing Manager, Canadian Forest Products, Vancouver, B.C.
 L. B. Monasch, Adult Education Department, Vancouver School Board, Vancouver, B.C.
 A. Patterson, Assistant Secretary-Treasurer, Vancouver School Board, Vancouver, B.C.
 R. W. Ruhwald, Data Centre Coordinator, Surrey Memorial Hall, Surrey, B.C.

There is a growing demand in industry for trained people to schedule, operate, and maintain data processing equipment oriented to accounting and recording procedures. Computer installations are increasing rapidly in this area.

This program is designed to train students as operators, programmers, and systems analysts. The full two-year training plus suitable work experience will prepare those with high aptitude to become systems analysts and developers.

The installation of a sophisticated computer at Vancouver City College enables students to obtain both the theory and practice so necessary for well-trained data processing staff.

Pronounced mathematical aptitude is essential to success in this program.

Certificate in Computer Programming**First Term**

English 15A
 Accounting 15A
 Mathematics 23
 Data Programming Workshop 15AW
 Systems Application 15A

Second Term

English 15B
 Accounting 15B
 Mathematics 21
 Data Programming Workshop 15BW
 Systems Application 15B

Diploma in Data Processing Systems**Third Term**

English 20
 Accounting 21A
 Economics 15
 Data Programming Workshop 21AW
 Systems 21A

Fourth Term

Accounting 21B
 Economics 16
 Management Policy and Practice 21
 Systems 21B
 Data Programming Workshop 21BW

Programming Workshop 15—2 hours daily

The first-year workshop emphasizes training and practice in programming on various modern computer units.

Programming Workshop 21—2 hours daily

The second-year workshop includes advanced programming; computer languages; data systems, analysis, design and implementation.

Finance and Investment Program**Finance and Investment Advisory Committee**

- E. Argue, Credit Sales Manager, Hudson's Bay Company, Vancouver, B.C.
 J. Burns, Great West Life Assurance Co., Vancouver, B.C.
 G. R. Elliott, Manager, Staff Department, Royal Bank of Canada, Vancouver, B.C.
 E. Lewis, Branch Manager, Economical Mutual Insurance Co., Vancouver, B.C.
 D. H. Mapleton, Jantzen of Canada Limited, Vancouver, B.C.
 R. J. Webster, Richardson Securities of Canada, Vancouver, B.C.

Opportunity for employment in the financial, investment, banking and insurance fields is increasing. Vancouver is recognized as the financial centre of Western Canada.

The Finance and Investment Program prepares students for careers with investment, insurance and trust companies; banks, credit departments and related businesses in the field of finance.

First Term

English 15A
 Geography 15
 Psychology 17
 Business Procedures 15
 Investments & Institutions 15A
 Accounting 15A

Second Term

English 15B
 Geography 16
 Mathematics 18
 Investments & Institutions 15B
 Accounting 15B

Third Term

English 20
 Economics 15
 Mathematics 23
 Fundamentals of Finance 21A
 Business Law 15A

Fourth Term

Business Law 15B
 Economics 16
 Management Policy and Practice 21
 Data Processing Equipment 15
 Fundamentals of Finance 21B

Marketing and Sales Program**Marketing and Sales Advisory Committee**

- D. K. Crockett, President, Store Equipment Supply Co., Vancouver, B.C.
 H. L. Hopper, President, Crawford and Company Ltd., Vancouver, B.C.
 J. L. Maw, J. L. Maw and Associates, West Vancouver, B.C.
 H. J. Merilees, Greater Vancouver Visitors and Convention Bureau, Vancouver, B.C.
 Dr. F. A. Webster, Faculty of Commerce and Business Administration, University of British Columbia, Vancouver, B.C.

An effective person in the marketing and sales field combines a knowledge of product with good sales technique supplemented by broad business training. These requirements, with the exception of product knowledge, are offered at King Edward Centre.

First opportunity on this program is for those who have an acceptable background of training and/or experience in business or in some technical-vocational field. The student with previous appropriate technical-vocational training in Vancouver City College or any equivalent institution receives credit for courses successfully completed. He may complete Diploma requirements in less than four terms by taking only those courses required to complete the Diploma program.

Other students accepted will be required to complete all the courses listed for the College Certificate and/or Diploma.

First Term

English 15A
 Economics 15
 Accounting 16
 Business Procedures 15
 Sales Workshop 15AW

Second Term

English 15B
 Economics 16
 Psychology 17
 Marketing 15
 Sales Workshop 15BW

Third Term

English 20
 Mathematics 19
 Merchandising 21A
 Business Law 15
 Fundamentals of Finance 21A

Fourth Term

Political Science 19
 Mathematics 23
 Merchandising 21B
 Management Policy & Practice 21
 *Sales Thesis 24

Sales Workshop

This workshop provides theoretical and practical aspects of salesmanship under laboratory conditions which reflect the actual needs of business through the use of such techniques as role-playing and case study.

***Sales Thesis 24**

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.

Recreation Leadership Program**Recreation Leadership Advisory Committee**

- J. Panton, Community Director, Department of Education, Victoria, B.C.
 Dr. R. L. Ramsay, School of Physical Education, University of British Columbia, Vancouver, B.C.
 D. W. Roxborough, Young Men's Christian Assn. of Greater Vancouver, Cambie Branch, Vancouver, B.C.
 L. Ryan, Vancouver Parks Board, Vancouver, B.C.
 M. Smith, Vancouver Parks Board, Vancouver, B.C.
 G. Squires, President, B.C. Recreation Society, c/o Burnaby Municipal Hall, Burnaby, B.C.

This program is designed to train students in all the important aspects of recreation work at the para-professional level. It includes courses in a variety of recreation activities, leadership theory, human relations, and administrative procedures. Practical work in the field is an integral part of the program.

There is 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 facilities for people of all ages and widely varied interests.

Applicants must have a definite interest in and aptitude for leadership activities. Considerable previous participation in at least one specialization such as sports, music, dancing, arts and crafts, or plant management is required. In addition, candidates must be receptive to training in activities in other than their personal specialty. Good physical health and agility are essential.

First Term

- English 15A
 Psychology 15A
 One of:
 Accounting 16*
 Economics 15
 Marketing 15
 Geography 15
 Recreation 60
 Recreation 61
 1 Recreation Course from Area
 of Specialization
 1 Elective Recreation Course

Third Term

- English 20
 Sociology 20
 Life Science 17
 One of:
 Psychology 22
 Psychology 23
 1 Recreation Course from Area
 of Specialization
 1 Recreation Theory Course Related
 to Area of Specialization
 Recreation 70: Field Work I

Second Term

- English 15B
 Psychology 15B
 Business Procedures 15
 Recreation 62
 2 Recreation Courses from Area
 of Specialization
 1 Elective Recreation Course

*Must be taken either in first term
 or fourth term.

Fourth Term

- Psychology 24B
 Sociology 21
 One of:
 Accounting 16*
 Economics 16
 Marketing 15
 Geography 15
 2 Recreation Courses from Area
 of Specialization
 1 Recreation Theory Course Related
 to Area of Specialization
 Recreation 71: Field Work II

Food Services Technician Program**Food Services Technician Advisory Committee**

- Miss N. Forrester, Dietitian, Richmond General Hospital, Richmond, B.C.
 Miss D. Law, Dietitian, Royal Columbian Hospital, New Westminster, B.C.
 Miss M. Lock, Dietitian, Amherst Private Hospital and Nursing Home, Vancouver, B.C.
 Sister S. McDonald, Administrator, St. Vincent's Hospital, Vancouver, B.C.
 Mrs. G. E. Smith, Dietitian, Lions Gate Hospital, North Vancouver, B.C.
 W. G. Tuson, Manager, Industrial Catering Limited, Vancouver, B.C.
 Mrs. G. M. Willick, Director, Dietetic Services, Vancouver General Hospital, Vancouver, B.C.

This program is designed to train students to work in a supervisory capacity in the dietetic department of a hospital or similar institution. There is a definite need for trained people to assume supervisory tasks in the field of food service.

The British Columbia Dietetic Association, which assisted in developing this program, co-operates in placement of students in supervised positions that give them related practical experience and the opportunity for remuneration in the four months following the first year of College training. This period of supervised experience is an integral part of the program. Satisfactory completion of this field work is a Certificate requirement.

First Term

- English 15A
 Science 19
 Nutrition 15A
 Food Preparation 15AW
 Food Services Workshop 15AW

Second Term

- English 15B
 Biology 18
 Psychology 17
 Nutrition 15B
 Food Services Workshop 15BW
 Food Preparation 15BW

Third Term

- English 20
 Psychology 22
 Mathematics 19
 Nutrition 21
 Food Services Workshop 21AW
 Food Preparation 21AW

Fourth Term

- History 15
 Personnel Management 15
 Work Study 15
 Sociology 20
 Food Services Workshop 21BW
 Food Preparation 21BW

Each term workshop includes three principal areas of study and practice directly related to food services work. Students are required to purchase laboratory coats.

Pre-School Teacher Training Program**Pre-School Teacher Training Advisory Committee**

- Mrs. J. L. Brown, Vancouver Co-operative Pre-School Teachers' Association, Vancouver, B.C.
 Miss P. Carter, British Columbia Pre-School Teachers' Association, Vancouver, B.C.
 Mrs. R. Cohen, Pre-School Director, New School, Vancouver, B.C.
 Mrs. F. W. Hanley, Nursery School, Vancouver, B.C.
 Mrs. W. Justice, Director, Pre-School Education, Vancouver, B.C.
 Mrs. G. Maycock, Pre-School Consultant, Welfare Licensing Inspection Board, Vancouver, B.C.
 Mrs. L. Miller, York House, Vancouver, B.C.
 Mrs. C. Taylor, Primary School Supervisor, Vancouver School Board, Vancouver, B.C.
 Mrs. P. Wenn, Vancouver Co-operative Pre-School Teachers' Association, Vancouver, B.C.
 Mrs. B. Wood, Director of Pre-School, Riley Park, Vancouver, B.C.
 Mrs. E. Worman, Day Care Services Department, Vancouver, B.C.
 Mrs. K. Wycherley, Greater Vancouver Kindergarten Association, White Rock, B.C.

This program is designed to prepare students to qualify for the provincial Department of Health and Welfare licence in pre-school teaching. There is a growing need for people trained to teach pre-school children in co-operative pre-schools, private nurseries and kindergartens, and child-care centres.

This training is recognized as specialist training for teaching in public school kindergartens providing the candidate also has, or qualifies for a B.C. Teaching Certificate.

The program consists of courses in Child Growth and Development, Philosophy of Early Childhood Education, Principles and Practices in Early Childhood Education, Curriculum Development and Human Relations.

Mornings are spent in observation and practise-teaching in the various types of pre-school centres. Students attend college classes each afternoon. Previous experience in working with young children is desirable. Good health is required.

Library Assistant Program

Library Assistant Advisory Committee

G. R. DesBrisay, Chief Librarian, Burnaby Public Library, Burnaby, B.C.
Miss Helen Gray, Social Sciences Dept. Librarian, Simon Fraser University, Burnaby, B.C.
Mrs. Margaret Ginther, Library Co-ordinator, Vancouver School Board, c/o Public Library, Vancouver, B.C.
Robert Harris, Head Librarian, B.C. Institute of Technology, Burnaby, B.C.
M. P. Jordan, Assistant Director, Vancouver Public Library, Vancouver, B.C.
Miss M. Leask, Field Consultant, Library Development Commission, Victoria, B.C.
Miss A. R. Leith, Librarian, Woodward Library, University of British Columbia, Vancouver, B.C.
Miss Doreen Taylor, Librarian, B.C. Hydro, Vancouver, B.C.
Miss Aileen Tufts, Librarian, Vancouver Public Library, Vancouver, B.C.
D. A. Baird, Librarian, Simon Fraser University, Burnaby, B.C.
I. F. Bell, Associate Librarian, University of British Columbia, Vancouver, B.C.
Mrs. M. Vatcher, Association of British Columbia Librarians, Vancouver, B.C.

This program is designed to prepare students for employment as technical assistants in libraries. Trained assistants have been in short supply for some years. A major increase in library construction will result in an even greater demand for employees in this field.

First Term

English 15A
Typing 15A
History 15
Library Philosophy & Functions 15AW
Library Workshop 15AW
Library Field Work 15AF

Second Term

English 15B
Mechanical Aids 15
Personnel Management 15
Library Techniques 15BW
Library Workshop 15BW
Library Field Work 15BF

Library Workshop

Theory and practice are given in the clerical procedures involving the acquisition, cataloguing and circulation of a wide variety of library materials. Necessary background knowledge is provided in study of the history of libraries; their purposes and organization; the development of writing, printing and the book; publishing and the book trade.

Field work includes visits to libraries and related establishments. Students get practical work experience in local libraries.

Students must have some typing skill prior to enrolment.

Museum Assistant Program

Museum Assistant Advisory Committee

Dr. G. Clifford Carl, Director, Provincial Museum, Victoria, B.C.
Mrs. A. E. Hawthorne, Curator, Anthropological Museum, University of British Columbia, Vancouver, B.C.
Dr. W. Ireland, Provincial Archivist, Victoria, B.C.
Mrs. W. T. Lane, Member, Vancouver Civic Museum Board, Vancouver, B.C.
Dr. M. Newman, Director, Vancouver Public Aquarium, Stanley Park, Vancouver, B.C.
H. Pickstone, Director, Vancouver City Museums, Vancouver, B.C.
Dr. B. Reynolds, Curator, Vancouver Centennial Museum, Vancouver, B.C.
Mrs. R. Watson, Educational Liaison, McDonald House, Vancouver, B.C.

This program is designed to train students in various technical aspects of museum work including display, restoration, preservation, and cataloguing of materials and artefacts. There is a shortage of trained museum personnel at the para-professional level.

The training includes academic subjects related to museum work combined with afternoon workshops emphasizing the practical aspects of museum operation.

First Term

English 15A
Anthropology 20 (or elective)
Display Techniques 15A
Museum Philosophy & Functions 15AW
Museum Workshop 15AW

Second Term

English 15B
Anthropology 21 (or elective)
Display Techniques 15B
Museum Conservation & Repair 15BW
Museum Workshop 15BW

Museum Workshop

Approximately 30 per cent of instruction time is devoted to workshop training. The skills of cataloguing, conservation, taxidermy and museum display are demonstrated and practised. Field trips to museums, art galleries and other pertinent exhibits provide practical knowledge. Some time is devoted to work in museums and related institutions.

Teaching Assistant Program

Teaching Assistant Advisory Committee

R. Ahrens, Vancouver Secondary School Teachers' Association representative, Lord Byng Secondary School, Vancouver, B.C.
A. F. Burch, Principal, Kitsilano Secondary School, Vancouver, B.C.
F. J. Cairnie, Assistant Director, Professional Development, B.C. Teachers' Federation, Vancouver, B.C.
N. Clarke, Director of Instruction, Secondary Schools, Vancouver, B.C.
T. T. Dennett, Faculty representative, Vancouver City College (King Edward Centre), Vancouver, B.C.

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

Graduates will be equipped to perform duties in school libraries, science and home economics laboratories, art, music and social studies departments. 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.

Practical field work experience in various schools is a required part of the training schedule. Applicants must be free of contagious disease and physically able to move freely or to work in a standing position for prolonged periods.

First Term

English 15A
Mathematics 23
Science 15AW
Teaching Assistant 15AW
Field Work 15AF

Second Term

English 15B
Business Procedures 15
Science 15BW
Teaching Assistant 15BW
Field Work 15BF

Teaching Assistant Workshop (15AW & 15BW)

This consists of three hours per day for four days each week of instruction and practice in a variety of fields including:

Science laboratory work
Laboratory book-marking
Subject marking
Book rentals procedures

Library assistant duties
Audio-visual training
Office equipment—duplicating machines, adding machines and calculators.

Field Work (15AF & 15BF)

One day per week to be scheduled free of College courses. Students are scheduled for either one half-day or a full day of practical experience in the various secondary schools.

Welfare Aide Program

Welfare Aide Advisory Committee

J. Allman, Executive Director, Catholic Family & Children's Service, Vancouver, B.C.
Miss A. K. Carroll, Consultant, Social Services, Mental Health Services Branch, Department of Health Services and Hospital Insurance, Victoria, B.C.

Prof. M. Cunliffe, School of Social Work, University of British Columbia, Vancouver, B.C.
 D. B. Fenny, Acting Executive Director, Children's Aid Society, Vancouver, B.C.
 D. W. Fowler, Training Supervisor, Provincial Welfare Services, Vancouver, B.C.
 Dr. G. Hamilton, Associate Director, British Columbia Association of Social Workers, Vancouver, B.C.
 F. Hatcher, Chief, Agency Relations Section (Rehabilitation), Department of Manpower and Immigration, Pacific Regional Office, Vancouver, B.C.
 T. T. Hill, Director, City Social Service Department, Vancouver, B.C.
 F. J. McDaniel, Assistant Administrator, City Social Service Department, Vancouver, B.C.
 A. Morrison, Social Service Department, Vancouver General Hospital, Vancouver, B.C.
 Miss A. Pumphrey, Director, Social Service Department, Vancouver General Hospital, Vancouver, B.C.
 D. Thomson, Director, Family Service Agency, Vancouver, B.C.
 Miss Eleanor Bradley, Department of Health Care and Epidemiology, University of British Columbia, Vancouver, B.C.

This program includes preparation for employment in the social welfare field as assistants to professional social workers. There are many job opportunities in the rapidly expanding welfare field for technically trained persons. This training prepares them to perform many welfare services which do not require professional social work qualifications.

Two of the most likely employment areas will be in social welfare agencies and in institutions housing children and/or adults.

Suitably experienced persons in child care work or psychiatric nursing may be accepted as Certificate students in a second-year program without having taken the general first-year Welfare Aide training.

All students registered must have a valid B.C. driver's licence for the standard gear-shift vehicle, or be prepared to acquire such a licence before the second term.

Certificate Program

First Term

English 15A
 Political Science 17
 Psychology 15A
 Family in Society 15
 History and Philosophy of Social Work 15
 Welfare Aide Workshop 15AW
 Field Work 15AF

Second Term

English 15B
 Psychology 15B
 Child Activities 15
 Social Welfare Practice 15
 Special Social Problems 17
 Welfare Aide Workshop 15BW
 Field Work 15BF

Welfare Aide Workshop

A job-oriented study of methods that the aide will use in various welfare tasks. Most sessions are closely related to the field trips. Techniques include "buzz" groups, demonstration sessions, role-playing, case studies, special report situations, etc.

Field Work

Field trips are conducted throughout the program to give every student a first-hand knowledge of the work of the various social work agencies. At the end of the Certificate year, students are placed for one month of supervised work in a social agency. Successful completion of field work is a Certificate requirement.

Diploma Year

A College Diploma is acquired by completion of a second year of study of ten approved courses. These courses are selected mainly from the Social Sciences, English and selected Business Administration subjects. Diploma requirements may be completed through two terms of full-time day attendance or spread over a longer period through evening courses at the College.

Art and Merchandising Program

Art and Merchandising Advisory Committee

H. Aiken, Publicity Manager, Woodward Stores Ltd., Vancouver, B.C.
 F. Amess, Principal, Vancouver School of Art, Vancouver, B.C.
 J. McLeod, Advertising Manager, Woodward Stores Ltd., Vancouver, B.C.
 H. Ross, Personnel Manager, Hudson's Bay Co. Ltd., Vancouver, B.C.
 G. Smith, College of Education, University of British Columbia, Vancouver, B.C.
 Mrs. B. Winkler, Fashion Co-ordinator, T. Eaton Co. Ltd., Vancouver, B.C.

Employment opportunities exist for persons with a sound knowledge of merchandising and related business subjects coupled with certain aspects of commercial art training.

Students entering this program should have an interest in and some ability in art. They should be interested in using their art training in a business setting.

The first year art workshop provides certain basic art training for all students in the course. In the second year the workshop will be merchandising-oriented, with training in art emphasizing sketching and rendering, graphic and visual communication, fashions, interior furnishings and design.

First Term

English 15A
 Business Procedures 15
 Science 17
 Art & Merchandising Workshop 15AW
 Art History 15W

Second Term

English 15B
 Psychology 17
 Art & Merchandising Workshop 15BW
 Marketing 15
 Fundamentals of Design 15W

Third Term

Economics 15
 Mathematics 19
 Merchandising 21A
 Art Workshop 21AW
 Period Design 15W

Fourth Term

English 20
 Economics 16
 Merchandising 21B
 Art Workshop 21BW
 Fabrics and Materials 15W

Art Workshop

Students will spend about 35 per cent of their instruction time in the workshop. A \$15 materials fee will be charged each term for basic supplies required in the Art Workshop.

First and Second Terms

Basic art elements and fundamentals are studied through project assignments in various media. Students are exposed to numerous facets of perception and their analogies to other forms of communication.

Third and Fourth Terms

The workshop will correlate merchandising techniques and art training to develop the student's ability in retail fields requiring a practical knowledge of colour, design, interior furnishings and fashion.

Journalism Program

Journalism Advisory Committee

J. L. Arnett, Press and Information Officer, B.C. Teachers' Federation, Vancouver, B.C.
 D. Driver, News Editor, The Vancouver Sun, Vancouver, B.C.
 D. C. Peck, Public Relations Officer, Air Canada, Vancouver, B.C.
 A. Jessop, Editor, Editorial Page, The Vancouver Province, Vancouver, B.C.
 J. L. Gray, Public Relations Manager, Fraser Valley Milk Producers Association, Burnaby, B.C.
 R. C. Ley, Public Relations Supervisor, Finning Tractor & Equipment Co. Ltd., Vancouver, and Past President, B.C. Industrial Editors Association

The journalist is not adequately prepared without a broad background of education with special emphasis on Economics, Political Science, Current Affairs and Business Trends. The College Journalism program combines course work in these areas with study and practice in journalism.

First Term

English 15A
 Economics 15
 Psychology 17
 Journalism Workshop 15AW
 Creative Writing 15W

Second Term

English 15B
 Physical Science 18
 Geography 16
 Journalism Workshop 15BW
 News Sources 15W

Third Term

Mathematics 19
History 15
Geography 15
Journalism Workshop 21AW
Publication Policy & Procedure 21W

Journalism Workshop

The workshop will take approximately 35 per cent of the student's instruction time. It includes training and assignments for various reporting duties, editing, make-up, etc. Topics for study in the workshop include: Use of the Camera in Photo-Journalism, Equipment Operation, Law of the Press, Court Routine, Public Relations and Public Opinion. Some of the work will be related to production of the College paper.

Theatre Arts — Drama Program**Theatre Arts Advisory Committee**

Miss J. Coghill, Executive Director, Playhouse Theatre, Vancouver, B.C.
I. Dobbey, Artistic Director, Metro Theatre Centre, Vancouver, B.C.
R. Ellison, Manager, Playhouse Theatre, Vancouver, B.C.
Miss J. Heyman, Director, Holiday Theatre, Vancouver, B.C.
G. M. Newman, Lecturer, Department of English, Simon Fraser University, Burnaby, B.C.

A basic training in acting is provided to develop skill in the theatre arts for those who wish to follow a professional career in theatre, or who may wish to use such training as a teacher in schools, community centres, or other institutions.

The course emphasizes practical training of the actor, including voice and movement to meet the requirements of various styles of professional acting used in the theatre, radio, television and films. Good health is an asset, as some of the advanced training is fairly strenuous.

Students will be required to provide their own gym clothes, leotards for dance training and a foil for fencing.

First Term

English 18A
English 17A
Theatre Skills 15A
(1) Physical Education
(2) Voice Training
(3) Dance Training
Acting 15AW

Third Term

Mathematics 19
French 15A
*Dancing and Costume
*Music 19A
Theatre Skills 21A
(1) Physical Education
(2) Fencing
(3) Voice Training
Acting 21AW

*Courses to be outlined later

Acting

This involves approximately 40 per cent of instruction time, as it constitutes the basic acting training in the program. The first year emphasizes improvisation and encouragement of creative imagination. Practice is given in development of sensory awareness, communication, and characterization. Students are expected to attend certain live theatre performances at student rates as a part of the acting training.

The second year involves more advanced improvisations and acting in plays including some experimental acting with experienced professionals. Practice in basic stage management is also a second-year activity.

Fourth Term

English 20
History 20
Political Science 19
Journalism Workshop 21BW
Feature Writing 21W

Second Term

English 18B
English 17B
Psychology 17
Theatre Skills 15B
(1) Physical Education
(2) Voice Training
(3) Dance Training
Acting 15BW

Fourth Term

*Music 19B
French 15B
Theatre Skills
(1) Stylized Movement
(2) Fencing
(3) Dance Training
(4) Voice Training
Acting 21BW

Co-ordinated Programs

Co-ordinated programs combining work at the Vancouver Vocational Institute (a division of Vancouver City College) with classwork at King Edward Centre may be completed in the following specialties:

Mechanical Technician
Electronics Technician
Construction Technician

A one-year or equivalent program in one of several specialized fields at the Vancouver Vocational Institute is combined with related study at King Edward Centre for College Diploma standing. College technician programs may be commenced at either centre. Students considering qualifying for the Technician Program College Diploma should consult with the counselling service.

In all cases the student must complete the Diploma requirements of required core and major area courses. Issuance of a Diploma will depend on successful completion of a minimum of 10 college credit courses within the conditions outlined.

Various other Vancouver Vocational Institute programs may lead to the College Diploma in a technical option providing the candidate has Grade 12 or equivalent and has the necessary prerequisite courses to enter the College level studies.

Students from the following V.V.I. programs would require at least two sections of College Physics and one or more sections of Mathematics directly related to their technical training:

Mechanical Technician

Automotive
Diesel Engineering
Machine Shop

Electronics Technician

Electronics
Electricity and Industrial Electronics

Construction Technician

Building Construction
Drafting, Architectural and Structural

EVENING PROGRAMS

In addition to the College Arts and Science programs listed in this Calendar, the following also are available to those wishing to continue their education through evening instruction:

Business Administration Certificate Program

This program offered in co-operation with the Vancouver Board of Trade is designed to provide training in the various areas of business management. It is available to business men and women who find a need to supplement their technical skills with a broad knowledge of business.

The following subjects are offered through King Edward Centre:

For the year 1969-1970, Monday to Thursday classes will be held at the Eric Hamber Centre; Saturday morning classes, at King Edward Centre:

Advanced Communication; Bookkeeping for the Small Business; Business Law; Business Trends & Investments; Credit & Collection; Economics; Effective Communication; Effective Supervision; Elements of Accounting; How to Start and Run Your Own Business; Import-Export Fundamentals; Industrial Cost Accounting; Industrial Relations; Management Accounting Analysis; Management Policy and Practice; Marketing; Market Research; Mathematics of Finance; Merchandising for Retailers; Money Management; Personnel Practices; Psychology for Business and Industry; Purchasing Fundamentals; Salesmanship; The Supervisor's Role in Training; Work Study.

The following subjects are offered through Vancouver Vocational Institute:

Data Processing Equipment Orientation; Data Processing for Small Business Management; Basic Computer Systems; Data Systems—Analysis, Design and Implementation; Principles of Management.

The majority of these courses will start in the Fall Term. Others will be offered in January, 1970. Each course is complete in itself. In addition, courses successfully completed may carry credit towards the College Certificate in Business Administration. Courses are organized on a one-night-per-week basis. Some are completed in ten sessions, others in twenty sessions.

The Business Administration Calendar of courses may be obtained at King Edward Centre, or by phoning 738-3191.

Vocational Counselling Certificate Program

A program for the training of vocational counsellors of adults has been developed as one of the services of Vancouver City College.

Courses offered in the program include: Effective Communication, Growth and Development of the Individual, Community Resources, Counselling Techniques, Statistics, Current Employment Trends.

Each course requires attendance one evening per week for twenty weeks.

A College Certificate is awarded by Vancouver School Board to students who successfully complete a satisfactory sequence of courses in either of the above programs.

**The following programs are offered at Vancouver Vocational Institute,
250 West Pender Street, Vancouver 119, B.C., Telephone 681-8111:**

Data Processing Certificate Program

This program is given in co-operation with the Vancouver Chapter of the Data Processing Management Association. Instruction is given in the following evening division courses:

Data Processing Equipment Orientation; Data Processing for Small Business Management; Auxiliary Machines; Univac 1004 Programming; Basic 1401 Computer Programming; Computer Programming in "Cobol"; Advanced 1401 Programming; IBM 402 Operations; Data Transmission Systems; Effective Communication; Effective Supervision; Principles of Management; Basic Computer Systems; Data Systems—Analysis, Design, and Implementation.

Electronics Certificate Program

This program is of three years' duration and requires attendance for three and one-half hours a night, two nights a week for thirty weeks in each year. The courses listed below are offered at the Vancouver Vocational Institute:

Color T.V.; T.V. Servicing, Advanced; Electronic Test Equipment Applications Course; H.F. and V.H.F. Radio Equipment; Electronic Fundamentals; Semi-Conductor Circuit Analysis; Telecommunications Operation; Carrier Systems and Principles; Communication Systems including Microwave.

Radio and T.V. Theory and Practice; and T.V. Servicing, Basic, are also offered in this program and are available at the Vancouver Technical School, Night Division, 2600 East Broadway, Vancouver 135, B.C., Telephone 255-2645.

Technical Drafting Program

This program is designed for those who wish to enter the drafting field but cannot attend day classes. The program is of three years' duration and requires attendance for three and one-half hours a night two nights a week for thirty weeks in each year. Applicants who qualify have a choice of Structural Drafting or Mechanical Drafting.

A College Certificate is awarded by Vancouver School Board to students who successfully complete a satisfactory sequence of courses in the above program.

Students who qualify for a Certificate in any training program may continue studies towards a College Diploma. Selection of further courses must be approved by a College counsellor or by the Supervisor of Technical Programs.



Course Descriptions

Standard Course Abbreviations

The following course abbreviations are used in the Statement of Grades issued to students:

Anthropology	ANTHRO	Mathematics	MATH
Biology	BIOL	Philosophy	PHIL
Chemistry	CHEM	Physical Education	PHYS ED
Economics	ECON	Physical Science	PHYS SC
English	ENG	Physics	PHYS
French	FREN	Political Science	POL SC
Geography	GEOG	Psychology	PSYCH
German	GERM	Sociology	SOCIO
History	HIST	Spanish	SPAN
Life Science	LIFE SC	Zoology	ZOOL

Course Numbering

1. College Preparatory courses are numbered 01 to 09. These courses do not normally carry College credit but are offered to provide the opportunity for students to make up deficiencies and obtain College entrance standing. Students who meet College entrance requirements but who, upon the advice of faculty advisors, enrol in one advanced option among College Preparatory courses to acquire additional background in a subject area before taking advanced work, may receive full credit for such study.
2. Regular College courses for credit towards the College Certificate or Diploma are numbered 10 and above. The numbers are preceded by the subject field in which the course is listed.
Example: History 16 (3) TWENTIETH CENTURY BRITAIN
3. All College course numbers followed by the letter A or B designate courses which must be taken in sequence. That is, ENG 15A must be completed before a student takes ENG 15B.
4. Courses numbered 20 and above are, in general, advanced courses which require prerequisite study.

Prerequisites

Prerequisite requirements, if applicable, are given in the course description. Students should select courses with care to ensure that they undertake an acceptable College program which will fulfil College Certificate or Diploma requirements and best meet their occupational or career needs.

Credits

The standard unit of credit represents a minimum of one hour per week of classroom work for a term. Most college level 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 parentheses immediately after each course number. For example:

Geography 18 (3) PHYSICAL GEOGRAPHY

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 lectures, 1 hour of seminars and 0 hours of laboratory work per week.

Code Number

The number appearing at the left-hand margin below the course description is the code number. This is the symbol which identifies the course for computer operations.

Courses Offered, 1969-1970

The following courses will be offered at Vancouver City College, King Edward Centre, during the three terms comprising the 1969-1970 college year. Not all courses will be offered during any one term. Offerings depend upon the number of students

registering for various courses, the availability of faculty and classroom accommodation.

The schedule of courses for each term is listed in the calendar supplement which is issued well before the beginning of the term and gives details regarding meeting times of classes and the number of course hours per week.

BUSINESS ADMINISTRATION

These courses are open to regular students as electives but no attempt will be made at this time to provide a differentiated course for those not on a Business Administration Program.

Accounting 15A (3) and Accounting 15B (3)

The fundamentals of accounting. An examination of the basic techniques, principles and concepts involved in the accumulation, classification and presentation of financial data. 3:1:0

Accounting for proprietorship, partnerships and limited companies. Introduction to cost accounting, financial statement analysis and consolidations. 4G115A & 4G115B 3:1:0

Accounting 16 (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. 3:1:0 4G116

Accounting 17(3)

A course in Secretarial Accounting. The bookkeeping cycle, payroll preparation, control of cash funds and financial statement preparation. This is not a credit course for students in the Accounting, Finance and Investment or Data Processing programs. 3:1:0 4G117

Accounting 21A (3) and Accounting 21B (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. 3:1:0
Prerequisite: Accounting 15B 3:1:0
4G121A & 4G121B

Auditing 23A (3) and Auditing 23B (3)

Internal control and auditing procedures involved in the certification of financial statements. Generally accepted auditing standards. Professional and legal requirements in auditing. 3:1:0
4G223A & 4G223B 3:1:0

Business Law 15A (3) and Business Law 15B (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. 3:1:0
4G315A & 4G315B 3:1:0

Business Procedures 15 (3)

An introduction to business. This course recognizes the need for a thorough knowledge of the conduct of business in our society regardless of which business specialty is selected by the student for intensive study. 3:1:0 4G415

Data Processing Equipment 15 (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 4G515

Fundamentals of Finance 21A (3) and Fundamentals of Finance 21B (3)

A study of internal company financing. Reference is made to investment 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
4G621A & 4G621B 3:1:0

Investments and Institutions 15A (3)

A study of money, banking institutions, investment firms, investor protection, types of securities, financial statements and ratio analysis. 3:1:0 4G715A

Investments and Institutions 15B (3)

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 4G715B

Management Policy and Practice 21 (3)

Principles of organization and resulting types of business structure; line and staff organization; production problems; aspects of personnel management. A course that uses case studies as the principal method of introducing various management policies and practices. 3:1:0 4G821

Marketing 15 (3)

A concentrated study of texts and cases involving distributive problems such as: consumer motivation, product and service development, corporate organization, costs pricing, advertising, and supply matching demand. 3:1:0 4G915

Merchandising 17 (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 4GA17

Merchandising 21A (3)

A detailed study of practices of middlemen and their roles 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 4GA21A

Merchandising 21B (3)

The essentials of retailing. A study of all types of business or organizations catering to the needs of the consumer. 3:1:0 4GA21B

Personnel Management 15 (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 taken only in sufficient depth to give a reasonable understanding of their nature and purpose. 3:1:0 4GB15

Typing 15A (3)

The fundamentals and basic techniques of touch typing are emphasized in the early stages. Students must advance rapidly in speed and accuracy in the typing of the various types of correspondence and business reporting media. Both manual and electric machines are used. 5:0:0 4GD15A

Typing 15B (3)

A continuation of typing training with emphasis on increasing speed and accuracy. Students must become proficient in setting up business formats, typing statistical tables and other complex material. Required standards for successful completion are 45 to 55 w.p.m. on several timed tests. 5:0:0
4GD15B

Shorthand 15A (3)

A thorough grounding in the theory of Pitman Shorthand in preparation for the development of speed and transcription skill. 5:0:0
4HA15AW

Shorthand 15B (3)

Continuation of Pitman Shorthand; emphasis on speed, including development of business vocabulary. Skill in taking and transcribing unpractised material for various communication media must develop to a high degree of competence. Required standards for successful completion are 80 to 100 w.p.m. on several timed tests. 5:0:0
4HA15BW

Work Study 15 (3)

A course to develop ability in work simplification through efficient physical layout and efficient work flow. 3:1:0
4GL15

COMMUNITY SERVICES**Child Activities 15 (3)**

Training in constructive activities for the various age levels of young children. The course includes theory of child developmental activities, and student participation in games and other activities for children including those for special groups. 2:0:2
4J115

Child Care 21A (3)

A study of the principles and concepts of the care of children who need special resources due to emotional, mental or physical handicaps. This course includes training in the care of delinquent children. 3:1:0
4J221A

Child Care 21B (3)

A study of special problems in working with children in institutions and group homes. 3:1:0
4J221B

Family in Society 15 (3)

A study of the family as a unit in society. The expanding and contracting family with emphasis on the developmental role and tasks of its members, including stress factors which affect the normal functioning. 3:1:0
4J315

Food Preparation 15 (3)

A basic course in the principles and skills involved in quality food preparation including practical laboratory experience in food preparation. 0:0:3
4J415

History and Philosophy of Social Work 15 (3)

An 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
4J515

Nutrition 15A (3)

An introduction to the principles 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. 3:1:0
4J615A

Nutrition 15B (3)

Development of the principles of nutrition specifically in relation to the treatment of disease; investigation of the commonly used therapeutic diets and their employment for the welfare of the patient. 3:1:0
4J615B

Nutrition 21 (3)

A continuation of the study of diet therapy involving more advanced diets and new developments in the field of nutrition. 3:1:0
Prerequisite: Nutrition 15B
4J621

Social Welfare Practice 15 (3)

A study of concepts and basic principles of working with people in a helping relationship. Some emphasis on the ethical principles involved. 3:1:0
4J715

Special Social Problems 17 (3)

A study of special family problems such as delinquency, housing, home-management and budgeting. The course includes specific study of broken home situations and the placement of children. 3:1:0
4J817

CULTURAL AND PERFORMING ARTS**Display Techniques 15A (3) and Display Techniques 15B (3)**

Basic training in the preparation of displays as required in library and museum work. 3:1:0
4L115A & 4L115B

Theatre Skills 15A (3)

A skill training course including basic acrobatics, dancing, mime and fencing. A further section involves voice training through singing which develops good breath control so necessary in acting. Skills also include training in diction, dialectics, verbal agility and the speaking of Shakespeare. 0:0:8
4L215A

Theatre Skills 15B (3)

A continuation of the work of Theatre Skills 15A. 0:0:8
4L215B

Theatre Skills 21A (3)

More advanced training in the skills included in the first two sections of Theatre Skills. 0:0:8
Prerequisite: Theatre Skills 15B
4L221A

Theatre Skills 21B (3)

A continuation of the work of Advanced Theatre Skills 21A. 0:0:8
4L221B

ENGLISH (ENG)***English 07 (0)****ENGLISH AS A SECOND LANGUAGE**

This course is intended to help those students who have an elementary knowledge of English but need to improve their facility in speaking and writing before proceeding to College courses. A non-credit course. 3:1:0
0A107

English 09 (0)*READING DEVELOPMENT**

A course offered to the student who wishes to increase his reading speed and comprehension. Emphasis is placed on study skills. One noon-hour lecture per week plus two one-hour periods in the reading laboratory. A non-credit course. 1:0:2
OA109

Communications 15A (3)

A study of the role of communication in society. Stress on the communications skills of reading, writing, speaking and listening. Particular attention will be given to developing the student's ability to gather, organize and present ideas effectively.

Prerequisite: English 12 or CV 01B or equivalent. 3:1:0
5A515A

Communications 15B (3)

A study of communications as a constantly evolving process in a technological culture. Special consideration will be given to the function of the mass media and to traditional and popular arts as forms of communication. The course aims to further improve the student's ability to speak and write clear, precise expository prose; to achieve greater facility in the use of language; to develop his critical faculties. Stress will be on increased mastery of communication skills and techniques.

Prerequisite: Communications 15A. 3:1:0
5A515B

English 17A (3)**LITERATURE AND COMPOSITION**

Literature of the 20th Century with special consideration of forms and techniques characteristic of modern literary developments; the study and application of principles of composition that underlie effective, mature writing. Students who plan further study in English literature should enrol in this course.

Prerequisite: English 12 or CV 01B or equivalent. 3:1:0
5A117A

English 17B (3)**LITERATURE AND COMPOSITION**

A continuation of the studies commenced in English 17A.

Prerequisite: English 17A. 3:1:0
5A117B

English 18A (3)**HISTORY OF WORLD THEATRE DRAMA**

Classical & Medieval Renaissance—500 B.C. to 1660 A.D. Great playwrights and dramatic literature correlated with the history and development of world theatre, the physical playhouse and methods of production.

Prerequisite: English 12 or CV 01B or equivalent. 3:1:0
5A118A

English 18B (3)**HISTORY OF WORLD THEATRE DRAMA**

Modern—1660 A.D. to 20th Century—Great playwrights and dramatic literature correlated with the history and development of world theatre, the physical playhouse and methods of production.

Prerequisite: English 18A. 3:1:0
5A118B

English 20 (3)**REPORT WRITING**

This course aims to develop the student's ability to apply specifically to the written report writing skills previously developed in Communications 15B or

English 17B; to make the student aware of the multiplicity of typical report forms and to prepare the student to assist in the presentation of reports in business office or departmental meetings.

Prerequisite: Communications 15B or English 17B. 3:1:0
5A120

English 23 (3)**A SURVEY OF ENGLISH LITERATURE**

The Medieval World In English Literature, the English Renaissance, the Seventeenth Century.

Prerequisite: Communications 15B or English 17B. 3:1:0

Competence in composition is required of students in English 23 and English 24. An essential part of these courses will be the preparation of papers based on independent study.

5A123

English 24 (3)**A SURVEY OF ENGLISH LITERATURE**

The Augustans and the Age of Reason, the Romantic Period, the Victorian Age.

Prerequisite: Communications 15B or English 17B. 3:1:0

NOTE: Students who are making English a major field of study are advised to complete English 23 before enrolling in English 24.

5A124

English 25 (3)**CANADIAN LITERATURE**

A study of selected works of poetry, fiction and criticism.

Prerequisite: Communications 15B or English 17B. 3:1:0
5A125

English 27 (3)**EXPLORING LITERATURE**

An intensive examination of one author, genre or theme. To a basic list of reading, the student will add material of his own choice for study and discussion throughout the term. Papers based on the readings will be required.

Prerequisite: Communications 15B or English 17B. 3:1:0
5A127

MATHEMATICS (MATH)**Mathematics 14 (3)****COLLEGE BASIC MATHEMATICS**

NOTE: There are many topics in the current Mathematics 12 course which are not included in Mathematics 91. Mathematics 14 covers many of these topics and is required of all students who have completed Mathematics 91 and who wish to enrol in Mathematics 17A. Mathematics 14 and Mathematics 17A may be taken concurrently.

The following topics are included: sets, numbers, axioms for real numbers, inequalities, absolute values, approximation and significant figures, functions and their graphical representation, trigonometric functions and complex numbers, trigonometric identities and formulas, the circular functions and their inverses, the binomial expansion, and matrices and determinants.

Prerequisite: Mathematics 91 or equivalent. 4:0:0
5B114

Mathematics 15A (3)**FUNDAMENTAL COLLEGE MATHEMATICS**

Mathematics 15A and 15B are designed for students who have successfully completed Mathematics 11 or three years of academic high school mathematics.

Courses 15A and 15B are intended to serve two purposes: they are designed for those students who require a one-year course in College mathematics and they serve as a prerequisite for Mathematics 17A. Mathematics 15A includes the following topics: sets and numbers, inequalities, absolute values, coordinate systems, functions and their graphical representation, the circular functions, quadratic functions.

Prerequisite: Mathematics 11 or 01B or 30 or equivalent. 4:0:0
5B115A

Mathematics 15B (3)

FUNDAMENTAL COLLEGE MATHEMATICS

The course includes permutations, combinations, binomial theorem, inverse circular functions, exponential and logarithmic functions, applications of circular functions in solving triangles, graphing of the circular function, complex numbers, conic sections, matrices and determinants. 4:0:0

5B115B

Mathematics 16A (3)

INTRODUCTION TO FINITE MATHEMATICS

This course is designed for the student who desires a knowledge of some of the aspects of "Modern Mathematics". The course will be very useful for students planning to enter the teaching profession. It will also provide valuable training for those who plan to study computer technology. Topics include: symbolic logic, sets and subsets, number bases, modular arithmetic, binomial and multinomial theorems, and probability.

Prerequisite: Mathematics 11 or equivalent. 4:0:0
5B116A

Mathematics 16B (3)

INTRODUCTION TO FINITE MATHEMATICS

Topics include: probability, vectors and matrices, linear programming, the theory of games, Boolean algebra, topology, non-Euclidean geometry. 4:0:0
5B116B

NOTE: Mathematics 17A, 17B, 17C and 17D are intended for students who plan advanced study of mathematics in the fields of pure or applied science. Students who plan to take Honours or a major in mathematics should take Mathematics 17A, 17B, 17C, and 17D. All who intend to enter the Faculties of Science or Applied Science should take Mathematics 17A, 17B, and 17D.

Mathematics 17A (3)

CALCULUS

This course includes derivatives of algebraic functions, applications of the derivative, and plane analytic geometry.

Prerequisite: Any one of the following: Mathematics 12, Mathematics 15B, Mathematics 03B. Students with only Mathematics 91 must take Mathematics 14 or Mathematics 15A and B. 3:1:0

Note: Mathematics 17A and 17D may be taken concurrently.
5B117A

Mathematics 17B (3)

CALCULUS

Topics studied include integration, applications of the definite integral, differentiation and integration of transcendental functions and special methods of integration.

Prerequisite: Mathematics 17A. 3:1:0
5B117B

Mathematics 17C (2)

INTRODUCTION TO ANALYSIS

This course is designed for those students who plan to take Honours or a major in mathematics. It includes discussions of some of the theoretical concepts used in calculus such as limits, continuity, least upper bound, greatest lower bound, and proofs of some of the major theorems.

Prerequisite: Mathematics 17A 2:0:0
5B117C

Mathematics 17D (2)

VECTORS AND MATRICES

Topics studied include an introduction to vectors, matrices, and systems of linear equations.

Prerequisite: Any one of the following: Mathematics 12, Mathematics 15B, Mathematics 14, Mathematics 03B. 2:0:0

Note: Mathematics 17A and 17D may be taken concurrently.
5B117D

Mathematics 18 (3)

MATHEMATICS OF FINANCE

An introductory course in the mathematics of finance and investment. Topics include: simple interest and bank discount, compound interest, annuities, amortization and sinking funds, depreciation, and valuation of investments.

5B118 4:0:0

Mathematics 19 (3)

MATHEMATICS OF BUSINESS AFFAIRS

This course presents the basic mathematics used in everyday business affairs, with specific reference to the calculation of simple and compound interest, discounting notes, instalment buying, cash and trade discounts, mark-ups, taxation, loans, mortgages, insurance and investments. It is intended primarily for students of business, but provides a basic understanding of mathematics required for personal finance. 4:0:0

5B119

Mathematics 20 (3)

INTRODUCTION TO COMPUTER SCIENCE AND DATA PROCESSING

The objectives of this course are: to acquaint students with the material encompassed by data processing and computer science; to prepare students who contemplate entering the field of computer science so that they may make a more knowledgeable decision; to provide all students with a basic understanding of programming languages and of the concept of the stored program computer. Topics include number systems, Boolean algebra, problem-solution arrangement, flow charting, and programming and computer logic. 4:0:0

5B120

Mathematics 21 (3)

COMPUTER SCIENCE

This course is an extension of some concepts introduced in Mathematics 20. Programming will be limited to Fortran and Cobol. Rather than an extensive development, emphasis will be on aspects of programming which apply particularly to the computer as a tool in mathematical and business applications.

Prerequisite: Mathematics 20. 4:0:0
5B121

Mathematics 23 (3)

BASIC STATISTICAL MEASUREMENT

Provides students with a basic understanding of statistics. Topics include: 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

5B123

Mathematics 27A (3)**CALCULUS**

This is a second-year calculus course suitable for students proceeding further with mathematics and for those who require a knowledge of second-year calculus for physics, chemistry and other sciences. The course includes polar co-ordinates, parametric equations and vectors, solid geometry and vectors and partial differentiation.

Prerequisite: Mathematics 17B or equivalent.
5B127A

4:0:0

Mathematics 27B (3)**CALCULUS**

Multiple integrals including surface area and physical applications of triple integration, infinite series, complex numbers and functions, and differential equations.

Prerequisite: Mathematics 27A.
5B127B

4:0:0

Mathematics 29A (3)**ALGEBRA AND GEOMETRY**

Elementary algebra of matrices, linear transformations of the plane, determinants and applications to abstract algebra.

Prerequisite: Mathematics 17B. Mathematics 27A may be taken concurrently.
5B129A

4:0:0

Mathematics 29B (3)**ALGEBRA AND GEOMETRY**

Vectors, lines, planes, half-planes, convex sets, introduction to n-space, elementary theory of equations, characteristic values, and mathematical induction.

Prerequisite: Mathematics 29A.
5B129B

4:0:0

MODERN LANGUAGES**French 15A (3)****BEGINNERS' FRENCH AT THE COLLEGE LEVEL**

Fundamentals of speaking, reading and writing the language; classroom work supplemented by practice in the language laboratory.

5C115A

3:1:1

French 15B (3)**BEGINNERS' FRENCH AT THE COLLEGE LEVEL**

A continuation of the work studied in French 15A.

Successful students in French 15A and 15B will be accepted in French 27A.

5C115B

3:1:1

French 17A (3)**INTERMEDIATE FRENCH**

A continuation of all aspects of French studied in French 11 including independent reading of at least one book. Not intended for students who plan to specialize in the study of French. This course and French 17B lead to a final sequence in French: French 27A and B.

Prerequisite: French 20 (old course) or French 11 (new course), or French Introductory A and B at this College. Students from outside B.C. should consult with the department.

5C117A

3:0:1

French 17B (3)**INTERMEDIATE FRENCH**

Further development of the speaking, reading and writing of French. Students will read at least one book independently.

5C117B

3:0:1

French 19A (3)**FRENCH LANGUAGE AND LITERATURE**

Primarily a literature course, but includes grammar and oral and written composition for students who plan advanced study in the French language.

Prerequisite: French 92 or French 12 (new course), or a four-year course elsewhere (Grades 9-12).

5C119A

3:0:1

French 19B (3)**FRENCH LANGUAGE AND LITERATURE**

A continuation of the work studied in French 19A.

5C119B

3:0:1

French 27A (3)**SENIOR COLLEGE FRENCH**

A terminal French course not leading to further study in French literature and composition, unless the student receives recommendation from the department. Satisfies language requirements for some careers.

Prerequisite: French 17B or equivalent or French 15B upon consultation with the chairman of the department.

5C127A

3:0:1

French 27B (3)**SENIOR COLLEGE FRENCH**

A continuation of the work studied in French 27A.

5C127B

3:0:1

French 29A (3)**ADVANCED FRENCH LANGUAGE AND LITERATURE**

Emphasis is on literature and "explication de texte", oral and written composition. This course leads to advanced study of the French language.

Prerequisite: French 19B or equivalent.

3:0:1

Note: With the approval of the department, able students who have completed French 17B or its equivalent may be admitted to this course.

5C129A

French 29B (3)**ADVANCED FRENCH LANGUAGE AND LITERATURE**

A continuation of the work studied in French 29A.

5C129B

3:0:1

German 15A (3)**ORAL GERMAN FOR BEGINNERS**

This course may be taken by anyone wishing to learn to speak German, and may be taken concurrently with any other German course. No previous knowledge of German required.

Note: Students wishing to continue the study of German should enrol in German 17A or 19A (see below). Such students require competency in reading and translating from one language into the other in addition to facility in speaking.

5C315A

2:0:2

German 15B (3)**ORAL GERMAN FOR BEGINNERS**

A continuation of the work studied in German 15A.

5C315B

2:0:2

German 17A (3)**BASIC GERMAN**

Fundamentals of speaking, reading and writing the language; classroom work supplemented by practice in the language laboratory. 3:0:1
5C317A

German 17B (3)**BASIC GERMAN**

A continuation of the work studied in German 17A. 3:0:1
5C317B

German 19A (3)**INTERMEDIATE GERMAN**

Oral and written composition based on the works of contemporary German authors, short stories and essays; some 19th Century poetry. Students who plan further study of composition and literature should enrol in this course. Prerequisite: German 17B or equivalent (German 90, 91, 92, 01B, 17B).

Note: Open to students of German language background, with the permission of the department. 3:0:1
5C319A

German 19B (3)**INTERMEDIATE GERMAN**

A continuation of the work studied in German 19A. 3:0:1
5C319B

German 29A (3)**ADVANCED GERMAN LITERATURE AND COMPOSITION**

A study of contemporary German literature and some works from the classical period of the early 19th Century; oral and written composition. Students who plan further study of German must complete this course. Prerequisite: German 19B or equivalent (German 110, 120)

Note: Open to students of German language background, with the permission of the department. 3:0:1
5C329A

German 29B (3)**ADVANCED GERMAN LITERATURE AND COMPOSITION**

A continuation of the work studied in German 29A. 3:0:1
5C329B

Spanish 17A (3)**BASIC SPANISH**

A beginners' course in the oral and written language, a prerequisite to the concentrated study of the language. 3:0:1
5C517A

Spanish 17B (3)**BASIC SPANISH**

A continuation of the work done in Spanish 17A. 3:0:1
5C517B

PHYSICAL EDUCATION AND RECREATION (PHYS ED & REC)

All students may count four credit hours each term in Physical Education or Recreation towards the College Diploma.

Students who are not specializing in Physical Education or Recreation are permitted to take one activity course per term towards a College Diploma. Permission to take more than one activity per term must be granted by the department.

Students who are considering a career in Physical Education and/or Recreation should plan their program in consultation with the Physical Education faculty. Required courses for students enrolled in certain technical career programs are arranged within the department.

The prescribed gymnasium dress is:

WOMEN

*Shorts
*Blouse
Socks (white)
Running shoes

MEN

*Shorts
*T-Shirt
Socks (white)
Running shoes

***Shorts, T-Shirts and Blouses are of distinctive College design and must be purchased at the College Bookstore.**

In addition to the College courses in Physical Education listed in this calendar there are a number of intramural sports activities which are open to all students. Individual day lockers and shower facilities are available for students participating in the College Physical Education and Recreation Program.

NOTE: Physical Education and Recreation courses with numbers up to and including 29 (e.g. P.E. 14, P.E. 27) are general activity courses costing \$10 per term. All courses numbered 30 and higher cost \$20 per term because they include additional instruction for professional preparation.

General Activity Courses

Each course satisfies requirements for ONE credit hour on the College Diploma.

Physical Education 13 (1)**RUGBY**

Instruction in the basic skills, knowledge, tactics and training techniques of Rugby Union Football. 0:0:2
5D113

Physical Education 14 (1)**BADMINTON**

Instruction in the basic skills, strokes, rules, scoring, strategy, systems and game courtesies. Singles, doubles and ladder tournaments will be conducted. 0:0:2
5D114

Physical Education 15 (1)**BASKETBALL**

Fundamentals, basic drills, simple offensive tactics, team offense and defense, rules, coaching and officiating techniques. 0:0:2
5D115

Physical Education 17 (1)**VOLLEYBALL**

Basic skills, rules, team tactics (both offensive and defensive), competitive play situations. 0:0:2
5D117

Physical Education 19 (1)**DEVELOPMENTAL FITNESS ACTIVITIES FOR MEN**

For the student desiring a graduated activity program geared to his level of fitness. Considerable attention is devoted to cardio-vascular development through appropriate running activities. Tests are given regularly relating to motor fitness, speed, balance, endurance, flexibility and power. 0:0:3
5D119

Physical Education 22 (1)**KEEP FIT FOR WOMEN**

Instruction and practice in the principles of exercise, posture and voluntary relaxation. Diet and its relationship to figure control will be stressed. 0:0:3
5D122

Physical Education 25 (1)**INDIVIDUAL SPORTS: ARCHERY, GOLF AND TENNIS**

Archery—techniques, competitions, care of equipment

Golf—theory of the swing, practical application, etiquette and rules

Tennis—strokes, tactics, systems and umpiring

5D125

0:0:2

Physical Education 26 (1)**SWIMMING**

Instruction in basic water safety and swimming skills. Swimmers of sufficient ability may acquire Red Cross certification.

Note: An additional fee of \$10 per term for pool rental is charged.

5D126

0:0:2

Physical Education 27 (1)**SWIMMING II**

A continuation of basic aquatic instruction.

Note: An additional fee for pool rental is charged.

5D127

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.

(a) Recreation**Recreation 30 (1)****BALLROOM DANCE I**

Figures and techniques of waltz, fox trot, rhumba, samba, tango. Emphasis is on teaching techniques.

5D230

1:0:2

Recreation 31 (1)**BALLROOM DANCE II**

Variations, composition, teaching methods and techniques for advanced ballroom dance skills.

Prerequisite: Recreation 30.

5D231

1:0:2

Recreation 32 (1)**FOLK DANCE**

Techniques of folk dances of various countries. Stress is on performance and teaching methods.

5D232

1:0:2

Recreation 33 (1)**SQUARE DANCE**

Square dances and couples dances; calling and teaching methods.

5D233

1:0:2

Recreation 34 (1)**MODERN DANCE**

Composition and improvisation in this contemporary art form; basic principles and teaching methods.

5D234

1:0:2

Recreation 35 (1)**ARTS AND CRAFTS**

An approach to creative expression through various media. Emphasis is on the use of simple and accessible materials as well as on teaching methods, motivation and evaluation.

5D235

0:0:3

Recreation 36 (1)**MUSIC AND RHYTHMS**

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.

5D236

0:0:3

Recreation 37 (1)**DRAMA**

Basic training in acting; the development of skills in the theatre arts and their application in various recreational settings.

5D237

0:0:3

Recreation 38 (1)**ARTS AND CRAFTS FOR THE HANDICAPPED**

The application of arts and crafts as a therapeutic or rehabilitative medium for various handicapped persons. The values and contributions of such activities as well as teaching methods are emphasized.

5D238

0:0:3

Recreation 39 (1)**SOCIAL RECREATION**

Program planning, teaching methods and techniques.

5D239

1:0:2

Recreation 40 (1)**NATURE STUDY AND CRAFTS**

A study of the various natural settings and investigation of their potential as recreation resources; the utilization of natural resources within and near urban areas for recreation programming.

5D240

0:0:3

(b) Physical Education**Physical Education 31 (1)****WEIGHT TRAINING**

A basic course of weight training designed to build and strengthen the body. Emphasis is placed on the contributions of weight training to Physical Education and Athletics.

5D131

0:0:3

Physical Education 32 (1)**CONDITIONING PROGRAMS**

Exercise programs, conditioning principles and exercises, fitness assessment techniques, methods and techniques of program adaptation.

5D132

1:0:2

Physical Education 36 (1)**WRESTLING**

The fundamentals of wrestling, teaching techniques and basic coaching.

5D136

1:0:2

Physical Education 40 (1)**TRACK AND FIELD**

The fundamentals of various track and field events, teaching and coaching methods.

5D140

1:0:2

Physical Education 43 (1)**RUGBY**

Principles and instruction in the basic skills, rules, tactics, teaching methods and training techniques of Rugby Union Football.

5D143

1:0:2

Physical Education 44 (1)**BADMINTON**

Instruction in the basic skills, strokes, rules, scoring, strategy, systems and game courtesies. Singles and doubles tournaments will be conducted. Emphasis is on teaching techniques.

5D144

1:0:2

Physical Education 45 (1)**BASKETBALL I**

Fundamentals, basic drills, simple offensive tactics, team offense and defense, rules, practice organization, teaching techniques, coaching and officiating techniques.

5D145

1:0:2

Physical Education 46 (1)**BASKETBALL II**

Coaching techniques and methods, practice organization, game scheduling, budget, equipment and facilities and other responsibilities of coaching basketball.

5D146

2:0:1

Physical Education 47 (1)**VOLLEYBALL**

Basic skills, rules, team tactics (offensive and defensive), teaching, coaching and officiating techniques.

5D147

1:0:2

Physical Education 49 (1)**GYMNASTICS I**

The role of gymnastics in physical education with emphasis on the nature of warm-up routines, tumbling and balancing stunts, individual and group tumbling, small apparatus routines, with an introduction to Long Horse and Side Horse events. Teaching techniques will be developed.

5D149

1:0:2

Physical Education 50 (1)**GYMNASTICS II**

A second course involving the Long Horse, Side Horse, Parallel Bars, Rings, Rebound Tumbling, Free Exercise Routines and Movement Education. The theory of gymnastics, teaching techniques and physical proficiency will be developed.

Prerequisite: Physical Education 49.

A or B standing.

5D150

1:0:2

Physical Education 51 (1)**GYMNASTICS III**

The organization and administration of various gymnastic programs and meets.

Prerequisite: Physical Education 49 and 50.

A or B standing.

5D151

2:0:1

Physical Education 53 (1)**GAMES, CONTESTS AND RELAYS**

Theoretical aspects of play; play interest, values and outcomes; influences of sex and age upon play. Participation in and development of a repertoire of games, contests and relays. Teaching methods and procedures and their application in an actual school physical education program.

5D153

1:0:2

Physical Education 56 (1)**AQUATICS I**

The course covers techniques of the front crawl, side stroke, breast stroke, elementary back or back crawl. Swimmers are tested for the Red Cross Senior

Certificate. Emphasis is also given to the theory of swimming and water safety with an introduction to teaching techniques.

5D156

1:0:2

Physical Education 57 (1)**AQUATICS II**

The course covers the Red Cross Instructor's Certificate, Life-saving, R.L.S.S. Bronze Medallion and teaching techniques. The role of swimming in physical education and recreation programs is emphasized.

Prerequisite: Physical Education 56.

A or B standing.

5D157

1:0:2

Physical Education 58 (1)**AQUATICS III**

The organization and administration of various aquatic programs and meets as well as programs for the handicapped.

5D158

2:0:1

Professional Theory Courses**(a) Recreation****Recreation 60 (3)****FOUNDATIONS OF RECREATION**

An introduction to recreational philosophy, ethics, standards, organizations and programs.

5D260

3:0:0

Recreation 61 (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).

5D261

3:0:0

Recreation 62 (3)**LEADERSHIP METHODS**

Fundamentals of group and individual instruction, supervision techniques and methods of evaluating instruction.

5D262

3:0:0

Recreation 63 (3)**COMMUNITY RESOURCES**

An overview of physical plant lay-outs, equipment care and maintenance and other resources of communities available for programming; includes assignments in specific areas of specialization.

5D263

3:0:0

Recreation 64 (3)**PARKS AND PLAYGROUNDS PROGRAMS**

Philosophy and practices of various programs, problems in program implementation and program design for various age groups.

5D264

3:0:0

Recreation 65 (3)**THERAPEUTIC RECREATION**

Analysis of the theory and practices of various programs in this field; includes field trips to a number of institutions which emphasize recreational therapy for rehabilitation.

5D265

3:0:0

Recreation 66 (3)**RECREATION FOR THE HANDICAPPED**

Analysis of the theory and practices of recreative programs for the physically, mentally and socially handicapped. Specific emphasis is on the content, modalities and techniques of current practices with a view to future developments. 3:0:0
5D266

Recreation 67 (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
5D267

Recreation 68 (3)**INDUSTRIAL FIRST AID**

Theory and practical requirements for the Industrial First Aid Certificate. 3:0:0
5D268

Recreation 69 (3)**PRINCIPLES AND TECHNIQUES FOR ATHLETIC TRAINERS**

Basic anatomy and physiology, common athletic injuries and treatment methods for these injuries; theory and practical sessions with field trips to various treatment centres. 3:0:0
5D269

Recreation 70 (3)**RECREATION FIELD WORK I**

Approved field work assignments during the third term in recreation settings in the community. Evaluation and discussion will be undertaken in a weekly seminar hour. 3:0:0
5D270

Recreation 71 (3)**RECREATION FIELD WORK II**

A continuation of approved field work and weekly seminars during the fourth term. 3:0:0
5D271

(b) Physical Education**Physical Education 60 (3)****INTRODUCTION TO PHYSICAL EDUCATION**

Professional orientation, basic philosophy, and objectives; professional qualifications, opportunities, responsibilities and obligations. 3:0:0
5D160

Physical Education 62 (3)**BASIC ANATOMY AND PHYSIOLOGY**

Intended to acquaint students with body systems, growth, development and function. Some aspects of personal and community health are included as well as emphasis on the curricula for the various Guidance courses. 3:0:0
5D162

PHYSICAL AND LIFE SCIENCES**Life Science 17 (3)****THE NATURE OF MAN AND HIS BIOLOGICAL WORLD**

Modern aspects of zoology, botany, physiology, bacteriology, genetics and ecology related to a study of contemporary problems. This course is recom-

mended for students who, while not planning to specialize in science, desire some background in this area. Special effort will be made to select topics of concern to the class. 3:1:0
5E517

Biology 16A (3) (with previous biology)**GENERAL BIOLOGY**

An introduction to cell structures, physical and chemical properties of living matter; photosynthesis, respiration, excretion, nutrition, transport, and hormonal control. 3:1:2
Prerequisite: Biology 91 or Biology 11 or Biology 01B or equivalent. A background in Chemistry is desirable.
5E316A

Biology 16A (3) (no previous biology)**GENERAL BIOLOGY**

For mature students with no previous biology. Students must be prepared to spend extra time in individual study to rectify their lack of biological background. The content of the course is the same as that of Biology 16A (with previous Biology). Students successfully completing this course may proceed to Biology 16B. 4:1:2
5E316AN

Biology 16B (3)**GENERAL BIOLOGY**

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. 3:1:2
Prerequisite: Biology 16A or equivalent.
5E316B

Biology 18 (3)**HUMAN PHYSIOLOGY**

The fundamentals of human physiology; a course covering all systems of the body; primarily for students in the Food Services Program. 3:0:0
5E318

Biology 23 (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. 3:2:0
Prerequisite: Biology 16B or equivalent. A background in Chemistry is necessary.
5E323

Biology 24 (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 population, distribution, abundance, life history and adaptations. Field trips during laboratory hours will be required. 3:1:2
Prerequisite: Biology 16B or equivalent.
5E324

Biology 25 (3)**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. 3:1:2
Prerequisite: Biology 16B or equivalent. Chemistry 15 or equivalent is desirable but not mandatory. Students are advised to take Zoology 21 concurrently.
5E325

Biology 26 (3)**HUMAN PHYSIOLOGY**

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. It is recommended that this course be taken in conjunction with Biology 25.

Prerequisite: as for Biology 25.
5E326

3:1:2

Zoology 21 (3)**MORPHOLOGY OF THE VERTEBRATES**

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: Biology 168 or equivalent.
5E421

3:1:2

Science 18 (3)**UNDERSTANDING SCIENCE**

A course designed for students not specializing in science who desire some understanding of what science is about. Aspects of science required as a background to the study of contemporary problems will be stressed.

5E618

3:1:0

Science 19 (3)**TECHNICAL SCIENCE**

A course introducing basic elements of chemistry and physics chosen to provide a background for various technical programs.

5E719

3:1:0

Chemistry 15A (3)**GENERAL CHEMISTRY**

A general course of College level Chemistry including discussion of: atomic and molecular structure, periodic table, chemical bonding, nuclear chemistry, organic chemistry, properties of gases and the kinetic molecular theory.

Prerequisite: Chemistry 11 or Chemistry 01B or equivalent.
5E215A

4:1:2

Chemistry 15B (3)**GENERAL CHEMISTRY**

Topics include: liquids, solids and changes of state, solutions, acid-base theory, kinetics, equilibrium, thermodynamics.

Prerequisite: Chemistry 15A
5E15B

4:1:2

Chemistry 15A (3) and Chemistry 15B (3)**GENERAL CHEMISTRY (for Honours students)**

A special sequence for students who have obtained 65% or better in Chemistry 12. Topics will be similar to those in 15A-15B but will be covered in greater depth.

Prerequisite: Chemistry 12
5E215AH & 5E215BH

3:1:2

Chemistry 21 (3)**ADVANCED GENERAL CHEMISTRY**

A second course in physical inorganic chemistry. Course will include: a brief review and extension of equilibria in solution, oxidation reduction, electrode potentials and equilibrium constants from E.M.F., co-ordination chemistry.

Prerequisite: Chemistry 15B or equivalent.
5E221

4:1:3

Chemistry 22 (3)**ADVANCED GENERAL CHEMISTRY**

An introduction to thermodynamics including first and second laws, enthalpy, entropy, and Gibb's free energy. Organic chemistry, aliphatic and aromatic with emphasis on preparation, reactions, and structure of functional groups; descriptive inorganic chemistry with some physical methods of determining structure.

Prerequisite: Chemistry 21 or equivalent.
5E222

4:1:3

Physics 15A (3)**MECHANICS**

An introduction to elementary mechanics. The structure of matter, kinematics, dynamics, statics, energy and heat are examined in the classroom and in the laboratory.

Prerequisite: Physics 11 or Physics 01B or equivalent.
5E115A

4:1:2

Physics 15B (3)**ELECTRICAL AND WAVE PHENOMENA**

An introduction to electricity and wave phenomena. The behaviour of circuits and electric charges and properties of sound and light waves are examined in classroom and laboratory.

Prerequisite: Physics 15A.
5E115B

4:0:2

Physics 25A (3)**ADVANCED MECHANICS**

An advanced study of vectors, Galilean invariance, dynamics, energy, momentum, speed of light, Lorentz transformations, relativistic dynamics. Mechanical laws are studied in the laboratory by electrical means. MATH 27A must be taken concurrently, if not previously taken.

Prerequisite: Physics 15B or equivalent.
5E125A

4:0:2

Physics 25B (3)**ADVANCED MECHANICS**

Harmonic oscillators, dynamics of rigid bodies, the planetary orbit problem, relativistic dynamics, principle of equivalence, and particles of modern physics. Laboratory work as required. MATH 27B must be taken concurrently, if not previously taken.

Prerequisite: Physics 25A.
5E125B

4:0:2

SOCIAL SCIENCES**Anthropology 20 (3)****INTRODUCTION OF SOCIAL AND CULTURAL ANTHROPOLOGY**

The individual, culture and society; economics of non-market societies; portraits of other societies; problems of theory.

5F120

3:1:0

Anthropology 21 (3)**INTRODUCTION OF PHYSICAL ANTHROPOLOGY, ARCHEOLOGY AND PREHISTORY**

Organic evolution and cultural progress; techniques and problems of archeology; what happened in prehistory.

5F121

3:1:0

Economics 15 (3)**THEORY AND PRACTICE**

A general course in economic principles and applications with emphasis on the Canadian economy. The course includes an introductory account of western economic history. 3:1:0

5F215

Economics 16 (3)**THEORY AND PRACTICE**

A continuation of Economics 15; principles and applications are explored with greater refinement. Growth problems and international trade are explored as a natural sequel to economic principles and history. 3:1:0

5F216

Economics 17 (3)**INTRODUCTORY ECONOMIC HISTORY**

A history of the economic development of man from evident beginnings up to the Industrial Revolution. The refinement of civilization arising out of economic surplus leads to consideration of discoveries and inventions, religion, social organization and government. 3:1:0

5F217

Economics 18 (3)**ECONOMIC HISTORY OF WESTERN CIVILIZATION**

An analysis of the main historical features of economic development since the Industrial Revolution commencing with Great Britain. Some topics broached are: the development of power, entrepreneurial organization, inventions, the elements of "take-off". 3:1:0

5F218

Economics 21A (3)**PRINCIPLES OF ECONOMICS**

Macroeconomics is emphasized following an introduction to economic theory and the institutional forms of western society. Savings, consumption and investment, income determination, business cycles, prices, money, banking and fiscal policy are the areas of intensive study. 3:1:0

5F221A

Economics 21B (3)**PRINCIPLES OF ECONOMICS**

Microeconomics is emphasized: supply and demand, consumer utility, competitive supply, cost analysis, equilibrium of the firm, monopoly forms, income distribution and factor pricing, internal trade and current Canadian economic problems. 3:1:0

5F221B

Economics 22 (3)**PRINCIPLES OF ECONOMICS**

International trade and growth with particular reference to Canada; comparative economic systems.

Prerequisite: Economics 21A.

5F222

3:1:0

Fine Arts 14 (3)**HISTORY OF WORLD ART**

A survey of the major examples of art and architecture as they reveal the social, cultural and intellectual life of the ancient and medieval world. Illustration and discussion will aid appreciation of the major works. 3:0:1

5FA14

Fine Arts 15 (3)**HISTORY OF WORLD ART**

A continuation of Fine Arts 14 with emphasis on the Renaissance, baroque, modern and contemporary periods. This survey will be carried up to the present day with a concentration on the interrelated aspects of design and communication. Cross-cultural influences of East and West will be stressed in illustrations and discussions. 3:0:1

5FA15

Geography 15 (3)**ECONOMIC DEVELOPMENT OF BRITISH COLUMBIA**

A geographic analysis of the factors influencing the development of B.C.'s human and physical resources. 3:1:0

5F315

Geography 16 (3)**THE PACIFIC TRADING COMMUNITY**

A study of Pacific rim countries emphasizing the geographic background to their present economic, social and political development; their relationships with Canada and British Columbia. 3:1:0

5F316

Geography 17A (3)**AN INTRODUCTION TO HUMAN GEOGRAPHY**

An introduction to the principles, methods and techniques of human geography. 3:1:0

5F317A

Geography 17B (3)**AN INTRODUCTION TO HUMAN GEOGRAPHY**

An application of the principles, methods and techniques of human geography to an analysis of selected world and regional problems. 3:1:0

5F217B

Geography 18 (3)**PHYSICAL GEOGRAPHY**

(Meteorology and Climatology)

A science laboratory course providing an introduction to the sciences of weather, climate, soils and cartography. 2:1:2

5F318

Geography 19 (3)**PHYSICAL GEOGRAPHY (Geomorphology)**

A science laboratory course—a systematic study of the origin and evolution of the earth's topographic features. The course deals with landform—its origin, sculpture, stage of development and distribution.

Note: Students planning advanced study in Geography are advised to take both Geography 18 and 19. 2:1:2

5F319

History 13 (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. Begins with comment on pertinent aspects of the Classical and Medieval periods. Includes beginning studies in creative history essay preparation and writing.

An introductory course recommended as a basis for studies in Modern History. 3:0:1

5FA13

History 14 (3)**WESTERN THOUGHT AND INSTITUTIONS**

A continuation of History 13, extending from 1763 to approximately 1900.
5F414 3:1:0

History 15 (3)**CANADA IN A 20th CENTURY WORLD**

A survey of Western World development for the past six decades. This study attempts to recapture the feeling and excitement, as events and crisis evolved, and points out Canada's part in these developments.
5F415 3:1:0

History 16 (3)**TWENTIETH CENTURY BRITAIN**

A study of the momentous changes in Britain and of her part in world affairs since 1900.
5F416 3:1:0

History 20 (3)**CANADIAN-AMERICAN RELATIONS**

A study of our contrasting political structures, our historical conflicts, and our parallel economic systems and interdependence. Students are advised to have acquired some background in either Canadian or American history.
5F420 3:1:0

History 22 (3)**MODERN EUROPEAN HISTORY (1900-1939)**

A study of Europe at the turn of the century: the causes, 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.
5F422 3:1:0

History 23 (3)**MODERN EUROPEAN HISTORY (1939 to the Present)**

A study of the conflicts leading to World War II; the events and global aspects of the war; the "Cold War" tensions; 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.
5F423 3:1:0

History 24 (3)**EARLY CANADA**

The story of early French and English colonies on the eastern coast through the period of colonial rivalry; the British conquest; the conflict of cultures; social, economic and political developments to 1867.
5F424 3:1:0

History 25 (3)**MODERN CANADA (1867-1967)**

The social, political and economic growth of Canada from sea to sea.
Note: Students planning advanced study in History are advised to take History 24 as a prerequisite to History 25.
5F425 3:1:0

History 26 (3)**AMERICAN HISTORY (From Early Colonies to the Civil War)**

A study of the struggle of the first British colonies for economic existence, for political independence, for continental expansion, and for political unity.
5F426 3:1:0

History 27 (3)**AMERICAN HISTORY (From the Civil War to the Present)**

The growth of a great power through consolidation and economic exploitation of vast lands and resources; its defiance of Old World powers; pro- and anti-isolationist factors in World War I and World War II; the problems and responsibilities of the world's greatest industrial giant.

Note: Students planning advanced study in History are advised to take History 26 as a prerequisite to History 27.
5F427 3:1:0

Philosophy 20 (3)**INTRODUCTION TO THE PROBLEMS OF PHILOSOPHY**

Problems in the history of ideas; analysis of the writings and doctrines of some major philosophers. Consideration of some issues in the theory of knowledge, metaphysics and rational psychology, with some attention to value theory.
5F520 3:1:0

Philosophy 21 (3)**INTRODUCTION TO THE METHODS OF PHILOSOPHY**

Logic as a tool; methods of philosophic logic; deduction, induction, validity, reason and truth; causation and the philosophy of science.
5F521 3:1:0

Political Science 17 (3)**SOCIAL LEGISLATION IN CANADA**

A study of federal, provincial and municipal legislation and its application in the broad field of social welfare.
5F617 3:1:0

Political Science 19 (3)**CANADIAN POLITICAL DEVELOPMENT**

A study of Canadian government at all levels—growth and structure, political parties and an analysis of the political forces which have shaped this country.
5F619 3:1:0

Psychology 15A (3)**FUNDAMENTALS OF PSYCHOLOGY**

An introduction to the study of human behaviour. This course will examine the historical antecedents to the science of psychology, the physiological and neurological bases of behaviour, sensation, perception, intelligence, experimental design and statistics.
5F715A 3:1:0

Psychology 15B (3)**BEHAVIOUR THEORY**

A second-term introductory study of human behaviour which will include investigations into individual differences, personality theory, motivation, emotion, social behaviour, learning and related concepts.
Prerequisite: Psychology 15A.
5F715B 3:1:0

Psychology 17 (3)**APPLIED PSYCHOLOGY**

A course designed primarily to introduce Technical program students to the psychological principles which operate personally, socially and vocationally, with an emphasis on the individual in his work environment.
5F717 3:1:0

Psychology 22 (3)**SOCIAL PSYCHOLOGY**

An examination of the individual's integration into society and the ways in which his behaviour is influenced by group beliefs, attitudes, prejudices, propaganda, leadership and other social factors.

Prerequisite: Psychology 15B recommended for students planning advanced studies; otherwise Psychology 15A or Psychology 17. 3:1:0
5F722

Psychology 23 (3)**PSYCHOLOGY OF ADJUSTMENT**

A study of the dynamic mechanisms by which the individual learns to react effectively to stress and frustration.

Prerequisite: Psychology 15B recommended for students planning advanced studies; otherwise Psychology 15A or Psychology 17. 3:1:0
5F723

Psychology 24A (3)**DEVELOPMENTAL PSYCHOLOGY (Prenatal Period and Infancy)**

A study of the determinants of behaviour and the processes of growth and maturation through the prenatal period and infancy.

Prerequisite: Psychology 15B or in special circumstances Psychology 17 and 15A. 3:1:0
5F724A

Psychology 24B (3)**DEVELOPMENTAL PSYCHOLOGY (Childhood and Adolescence)**

The growth and development of the individual during childhood and adolescence and the factors which influence social, intellectual, emotional and other behaviour.

Prerequisite: Psychology 24A. 3:1:0
5F724B

Sociology 15 (3)**SOCIOLOGY THROUGH LITERATURE**

An analysis of modern sociology through selected illustrative materials from various literatures. 3:1:0
5F815

Sociology 20 (3)**INTRODUCTION TO SOCIOLOGY (History)**

An introduction to the development of the main ideas, concepts and theories in sociology and anthropology. 3:1:0
5F820

Sociology 21 (3)**INTRODUCTION TO SOCIOLOGY (Social Structure)**

An introduction to the complex of social institutions and groups in various industrial societies.

Note: Students who intend to pursue further study in Sociology should take both Sociology 20 and Sociology 21. 3:1:0
5F821



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 RAMSBOTTOM, Mrs. N.—*Commerce*
 REID, J. G.—B.A., M.A. (Brit. Col.), *History*
 REINER, R. R.—B.A. (Brit. Col.), *Geography*
 RISK, J. B.—B.A., M.Sc. (Brit. Col.), Ph.D. (London), *Chemistry*
 ROBERTSON, T. K.—B.Ed. (Alberta), M.A. (Calgary), *Sociology*
 ROE, N. M.—B.A., M.A. (Auckland), *Sociology, Museum Aide Program*
 ROWBOTHAM, P. F.—B.A. (Hons.), M.A. (Cantab.), LL.B. (Hons.) (London),
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 RUSSELL, N.—B.A. (McGill), M.A. (London), *Journalism*
 RYNIK, T.—B.A., B.Ed. (Brit. Col.), *Physics*
 SANDERMAN, E.—B.A. (Alberta), *Sociology*
 SINCLAIR, G. D.—B.P.E. (Brit. Col.), M.Sc. (Oregon), *Physical Education*
 SINCLARE, H. R.—B.S.F., M.Ed. (Brit. Col.), *Psychology*
 SMITH, K. I. M.—B.A., M.A. (Durham), *English*
 SPEED, R. H.—B.A., M.A. (Brit. Col.), *Counsellor*
 STEINER, K. D.—B.Sc., M.Sc. (Brit. Col.), *Chemistry*
 STEVENS, Miss S. H.—B.H.Sc. (Guelph), *Food Services Technician Program*
 STIRLING, P. H.—B.Sc. (Hons.), Ph.D. (Birmingham), *Physics*
 STUBBS, Mrs. E. C.—B.A., M.Ed. (Brit. Col.), *English*

- SUTHERLAND, G. W.—M.A. (Hons.) (Aberdeen), *Geography*
 SWEENEY, Miss D. M.—B.A., B.S.W., M.S.W. (Brit. Col.), *Welfare Aide Program*
 SYLVESTER, G. A. R.—B.A. (Ottawa), M.Ed. (St. Louis), *History*
 TAYLOR, J. C.—B.A. (Brit. Col.), *History*
 THOMPSON, Mrs. M. L.—B.Mus., A.Mus., L.Mus. (Sask.), M.Ed. (Brit. Col.),
Pre-School Teacher Education
 TOLMAN, Mrs. N. L.—B.Ed. (Brit. Col.), *Reading Development*
 TONNE, H. E.—B.A. (Brit. Col.), M.A. (Oregon), *German*
 TURNER, R. B.—B.A. (Brit. Col.), M.Ed. (West. Wash.), *Counsellor; Registrar-Chairman, Counselling Department*
 ULMER, A. L.—B.A., M.A. (Brit. Col.), *Geography*
 vonWITTGENSTEIN, H. E.—B.A. (Brit. Col.), *German*
 WALDEN, Miss A. M.—B.A., LL.B., M.A. (Brit. Col.), *Zoology*
 WATT, R. G.—B.A. (McMaster), *Counsellor*
 WATTS, R. J.—B.A. (Hons.) (Brit. Col.), *English*
 WEBSTER, S. L.—B.A.Sc. (Toronto), M.S. (Illinois), *Physics*
 WILSON, Mrs. E. M.—B.A. (Brit. Col.), A.T.C.M. (London), *Librarian*
 WINSKILL, Miss A. A.—B.A., B.Ed., M.Ed. (Brit. Col.), *Counsellor*
 WONG, Mrs. C.—B.A. (Montreal), *French*
 YORK, L. B.—B.A., B.Ed. (Brit. Col.), *Chemistry*
 YOUNG, A. C.—B.A., B.Ed. (Brit. Col.), M.Ed. (West. Wash.), *History*

FURTHER APPOINTMENTS MAY HAVE BEEN MADE AND OTHER DEGREES GRANTED SINCE THE PUBLICATION OF THIS CALENDAR.

THE LANGARA CAMPUS

It is a major objective of the Board of School Trustees of Vancouver to have the new Vancouver City College campus at Langara in operation by September, 1970. When King Edward Centre and Annex are abandoned, faculty and students will move into new specially-designed buildings located on West 49th Avenue between Ontario and Columbia Streets.

An instructional quadrangle of three storeys plus basement will house lecture theatres, laboratories, technical-vocational workrooms and rooms for fine and applied arts and for the performing arts. Also included will be a workshop for the design and fabrication of scenery and display frames and forms for artistic and technical projects. In addition, specially-equipped classrooms for technical subjects, business skills, language study and the social sciences will be located in this building. Multi-use classrooms, study and seminar rooms and two conference rooms will complete the instructional area.

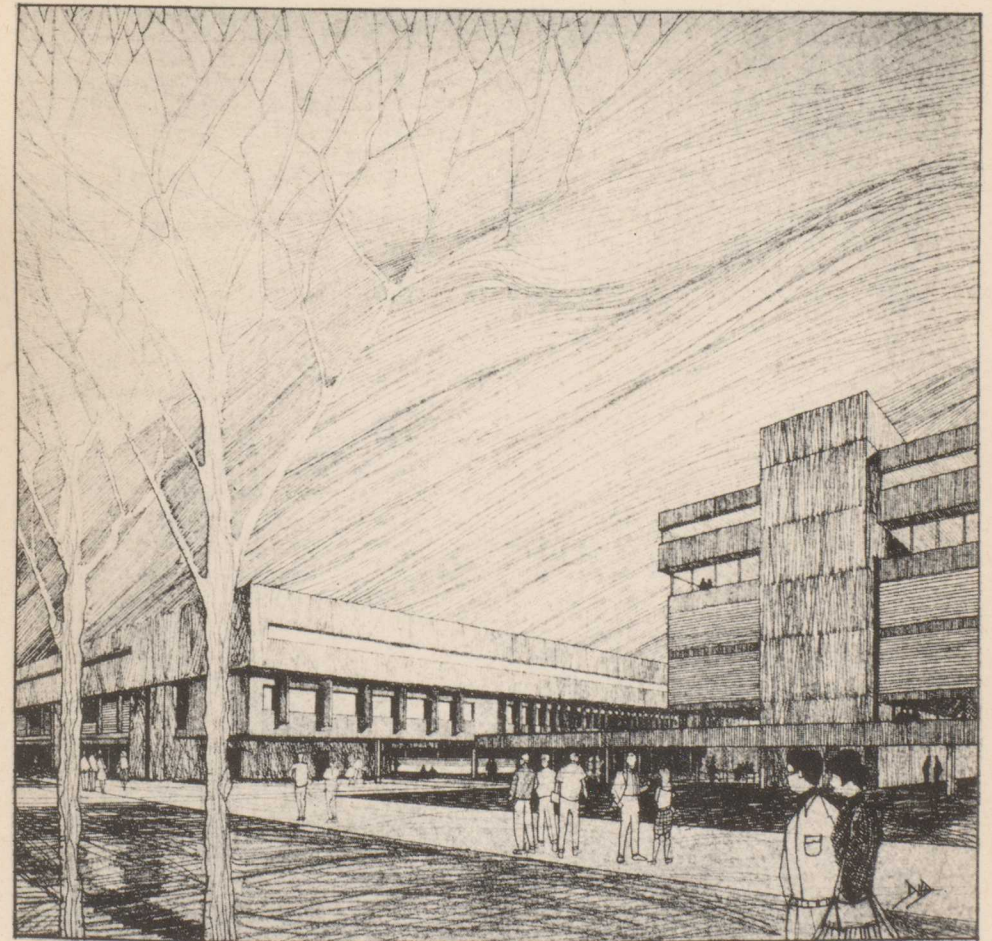
The College Bookstore, Students' Lounge, Students' Council offices, the Student Services Centre, together with space for Canada Manpower, will ensure adequate student facilities. A modern cafeteria, to accommodate approximately 500 students, and a coffee shop will be included in the instructional block. A dining room and lounge will be provided for faculty and staff.

It is anticipated that in addition to the usual audio-visual aids, other aids of a more sophisticated nature, such as closed-circuit television to many parts of the building, will be provided. The roof of the instructional block will have on it a greenhouse for biology study and weather stations for the study of geography.

The instructional building will surround a large open concourse leading to the five-storey library building which will be equipped with self-study audio-visual aids. One floor will be set aside for seminars or conferences. The library will have good study areas on each floor with adequate provision for reference books, reserve books and periodicals. A covered walkway from the instructional block and elevator service within the building will make the library a convenient centre for independent study.

The well-equipped gymnasium, with a main floor area measuring 76 by 96 feet, will include a mezzanine with bleachers and three activity rooms. This building, too, will have covered walkways connecting with the other buildings.

A playing field and tennis courts are planned for the northwest section of the campus; the southern section will be reserved for student and faculty parking.



Artist's drawing of the new Vancouver City College to be built on a 20-acre site on Langara Golf Course shows the library, right, and the instructional block, left. This view is from the northwest.