

Vancouver Community College



# **KING EDWARD CAMPUS 1977~78**



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ORGANIZATION OF VANCOUVER  
COMMUNITY COLLEGE

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KING EDWARD CAMPUS

***A Division of Vancouver Community College***

King Edward Campus, then known as Special Programs Division, was established in October 1970 at 951 West Twelfth Avenue as the fourth campus centre of Vancouver Community College. It was created in order to consolidate a variety of programs which had previously been located at a number of different locations. As well as administering onsite programs, King Edward Campus is responsible for classes at more than thirty centres throughout Vancouver.

At present more than 4,000 full and part-time students are enrolled in classes. This represents more than 13,000 individual student registrations a year.

King Edward Campus has an organization which has been designed to enable it to react quickly to new educational needs in the community.

Programs offered by King Edward Campus include:

- assessment, upgrading and orientation,
- basic training to the grade eight, ten and twelve level,
- College Foundations — academic upgrading and grade twelve completion,
- English Language Training,
- Music,
- Pharmacy Assistant.

# ***Vancouver Community College***

## **KING EDWARD CAMPUS**

(FORMERLY SPECIAL PROGRAMS DIVISION)

# **CALENDAR 1977-1978**

September 5, 1977	Labour Day	No Classes — School Closed
October 10, 1977	Thanksgiving Day	No Classes — School Closed
November 11, 1977	Armistice Day	No Classes — School Closed
December 25, 1977	Christmas Day	No Classes — School Closed
December 26, 1977	Boxing Day	No Classes — School Closed
January 1, 1978	New Year's Day	No Classes — School Closed
TBA	Heritage Day	No Classes — School Closed
March 24, 1978	Good Friday	No Classes — School Closed
March 27, 1978	Easter Monday	No Classes — School Closed
May 22, 1978	Victoria Day	No Classes — School Closed
July 1, 1978	Dominion Day	No Classes — School Closed
August 7, 1978	B.C. Day	No Classes — School Closed

*For dates relating to College Foundations courses only, see page 18 of this Calendar.*

### **Closure of the College During Possible Emergencies Such as Snowstorms, Strikes and Power Failures**

The College will remain open during normal opening hours unless the College Principal makes a specific announcement to the contrary through the news media.

2750 Oak Street, Vancouver, B.C. V6H 3N2

Telephone 731-4614



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## GUIDELINES FOR ALL STUDENTS

The King Edward Campus is directed towards those who:

- require training or retraining for employment.
- require upgrading for their present work.
- would like to obtain a Community College Certificate of Grade XII Equivalency. This is also the equivalent of the Department of Education Adult Grade XII Certificate.
- wish to write the General Educational Development (G.E.D.) tests.
- need to complete a Grade XII program already started.
- need upgrading in academic areas to enter programs in vocational schools or colleges or to obtain employment.
- want to improve their reading, writing, and study skills.
- wish to learn English as a second language.
- wish to study music.
- wish to become Pharmacy Assistants.

### Basic Qualifications

Day students should be eighteen years of age or older or out of school for at least one year. Evening students should be above the legal school leaving age. For full time programs they must be Canadian citizens or Landed Immigrants.

### Student hours

Classes are given between 8 a.m. and 10 p.m., Mondays through Fridays, except for statutory holidays, throughout the year. Programs vary in length from one week to two years.

### Attendance

Absence for any cause in no way relieves students of the responsibility for completing assignments and examination requirements to the satisfaction of the instructors.

### Shift Workers

Arrangements are made for shift workers to coordinate their class and work schedules where possible.

### Course Changes

Program planning is done in consultation with a counsellor. A student who believes, at any time, that his program is unsuitable, or who wishes to add or change a course, should see a counsellor without delay so that more suitable arrangements may be made. College Foundations students should do this up to and including the last day of the course change period, as listed in this calendar. Later changes can be made only with an instructor's permission. A course change fee of \$4 is charged. Students accept full responsibility for final choice of courses.



## **Counselling Services**

The King Edward Campus of Vancouver Community College provides a confidential professional counselling service for present and prospective students who wish to re-assess their personal capabilities or re-evaluate their life styles.

Citizens interested in furthering their education, improving their vocational skills and qualifications, or in planning new careers are welcome to consult counsellors whose offices are located in the Administration Building. Services offered include:

- Educational Counselling
- Vocational Counselling
- Personal Counselling
- Assessment and Testing
- Course information
- Referral to other agencies
- Orientation programs

### **Counselling Hours**

9:30 a.m. — 7:30 p.m. Monday to Thursday

9:30 a.m. — 4:00 p.m. Friday

Counsellors are available on a drop-in basis.

## **Assessments**

If you have been away from school for a while and you are uncertain of your level, why not have free Mathematics, Writing and Reading Assessments? Please make arrangements with a counsellor or faculty advisor. For those whose previous education was not in English, a special English Language assessment is available.

## **Agency Liaison**

The Counselling Department maintains close liaison with public and private agencies which sponsor students. These agencies include Canada Manpower and the Department of Human Resources.

## **Manpower Sponsored Students — Christmas/New Year Period**

Students sponsored by Canada Manpower, enrolled in courses spanning the Christmas/New Year period, may lose their wage-replacement allowance for up to four days because of closure of the college. Students so affected should check with the on-site Canada Manpower office.

## **Financial Aid Bursary Program**

Under the auspices of the King Edward Student Fund Committee, a limited number of \$50.00 bursaries will be granted in 1977 to students in financial need. Any student who can show evidence of enrolment at King Edward Campus during at least one of 4 time periods (January-March, April-June, July-September, October-December) is eligible to apply.

The application deadline is usually four weeks after the first day of classes.

The following have contributed to our Bursary and Scholarship fund to date:

BMI (for Music Students)  
Centennial Hotel  
Chapter AF of the PEO Sisterhood  
Chapter W of the PEO Sisterhood  
Credit Union Foundation of B.C.  
Edelweiss Credit Union  
Parnell Foods Ltd.  
Vancouver Foundation

## **B.C. Financial Assistance**

Full-time Music students are eligible to apply for B.C. Financial Assistance which affords a loan/grant to subsidize tuition, books and living expenses. These students are also eligible for the King Edward Campus Bursaries. At present, full-time College Foundations students may also apply for B.C. Financial Assistance if they are over 18 and have worked for at least a full year.

Please see the 77/78 Langara Campus calendar for a series of scholarships and bursaries that may be applicable to music students. These students may be eligible for B.C. Youth Foundation loans as well.

## **B.C. Special Assistance**

B.T.S.D. and part-time students may be eligible to apply for a grant to have their books and tuition paid. The grant is for a *maximum* of \$125.00 per semester. The money does not have to be repaid. Closing date for applications is four weeks after the 1st day of classes.

## **B.C. Youth Foundation**

The Foundation lends interest-free money on a short-term basis to worthy students in need. Students must have a suitable adult guarantor, have resided in B.C. at least one year and be under 30 years old. See Mrs. Shelley in the Administration Office if you are interested in applying.

## **Emergency Loan Fund**

This is a revolving loan fund comprised of money loaned by the King Edward Student Society to help King Edward students in emergency situations. A note from a Department Head is required plus two of the following forms of identification:

1. Driver's License
2. Social Insurance Card
3. Student Card

There is a maximum of four loans per semester. The first and second loans have a \$7.00 limit. The third and fourth loans have a \$10.00 limit. There is a charge of 20¢ per loan to cover the cost of cheques. There is money available to lend out only as long as students repay their loans.



### **Edelweiss Credit Union Bursary**

A bursary in the amount of \$200.00 is available annually to a student attending King Edward Campus. In order to be eligible, an applicant must be an active member, or the son or daughter of an active member of the Edelweiss Credit Union. Students wishing to be considered must make application to Mrs. Shelley, Administration Office by Oct. 15, 1977 and must clearly indicate eligibility.

### **For further assistance and information:**

Please make an appointment with Mrs. Shelley in the Administration Office. Telephone 731-4614 Local 29.

### **Nursing Services**

A Community Health Nurse is on campus Monday through Friday for confidential health counselling. The aim of the Health Service is to provide health education and health counselling to students while attending K.E.C.

### **Health Services available:**

- information pertinent to maintaining good health and prevention of disease.
- psychiatric and psychological services.
- hospital and medical insurance counselling.
- referral to family physicians and dentists.
- consultation with a medical health officer.
- information about, referral to and affiliation with, community health and welfare services.
- vision testing.
- birth control information.
- coordination with Counselling Department and with the Manpower counsellor.
- annual mobile chest x-ray.
- emergency treatment.

The above services, which are available in Room 209 in the Administration Building, are free to all King Edward Campus students.

### **Psychiatrist and Psychologist**

Any student who wishes to see a psychiatrist or a psychologist may do so by making arrangements through the nurse or the receptionist in the Counselling area.

### **Fee Regulations**

- a) You pay your fees when you register. If your fees are being paid by an agency, the cashier must have a letter from the agency before you can register.
- b) A non-refundable student Services Fee is charged each term.

### **Student Identification Cards**

Each student, either during the registration period or soon afterwards, receives a student Identification Card. This card, which includes the student's photograph, is valid only for the dates shown. It must be presented when requested when material is taken from the Resources Centre. It is also useful identification outside the Campus. For these reasons it should be carefully guarded. A two dollar charge is made for a replacement.

### **Confidentiality**

All student records are handled with the utmost confidentiality.

Information concerning any individual student's performance or attendance will not be released to any unauthorized person unless the individual involved gives such permission in writing.

### **Grades and Grade-Points**

Vancouver Community College uses a letter system to indicate only successful completion of courses:

#### **Letter Grade**

#### **A DISTINGUISHED ACHIEVEMENT**

The student distinguishes himself consistently in examinations, reports and class participation.

#### **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.

#### **C AVERAGE ACHIEVEMENT**

the student demonstrates sufficient comprehension of the subject matter to indicate success in the next higher course in the same field.

#### **P MINIMUM PASSING ACHIEVEMENT**

the student is granted credit for the course but is not permitted to proceed to the next higher course.

#### **I INCOMPLETE**

Grades for courses students failed or from which they have withdrawn are not given.

#### **S SATISFACTORY**

Credit granted.

#### **U UNSATISFACTORY**

No credit given.

For certain courses in the College Foundations and in the Music Programs, where skills rather than knowledge are being assessed, S and U grades are recorded.



## **Statement of Grades (College Foundations Program)**

Every term, Statements of Grades are mailed to students within one week following the last examination scheduled for that term. Grades will not be released to students prior to the mailing date and time. All obligations relating to fees, previous documentation, letters of permission to attend, library books or fines, and borrowed equipment must be met before any Statements of Grades, Transcripts or Certificates will be released. Machine errors and omissions in Statements of Grades should be reported immediately in person, or in writing, to the Dean of Instruction. A student's most recent Statement of Grades is also the ticket of admission to the registration centre for any subsequent term, at King Edward Campus, Vancouver Vocational Institute and Langara.

## **Appeal of Final Grades**

When a student wishes to have a final grade re-assessed, the request must be submitted in writing to the Dean of Instruction. All appeals for re-assessment must be accompanied by a fee of \$5.00 for each course for which re-assessment is sought. Appeals must be received not later than 14 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 Instruction 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.

## **Academic Record and Official Transcripts**

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

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

Official transcripts are available at the Student Records Office upon request in writing. Each student is entitled to one transcript free of charge each term. A fee of \$1.00 is charged for each additional transcript.

Students intending to transfer to other educational institutions are advised to record their requests for transcripts at the Student Records Office at least five days before the transcripts are required.

## **Changes of Name and/or Address**

Name and address changes must be reported to the Student Records Office without delay so that official records may be changed. Changes of name can be made to our records only after receipt of official documentation of name changes.

## **Replacement of Fee Receipts and Student Identification Cards**

A \$2.00 fee is charged for each duplicate Fee Receipt, as used for Income Tax purposes, or Student Identification Card.

## **Certificates and Diplomas**

A certificate or diploma is issued by Vancouver Community College to a student who successfully completes a program of studies offered by the College at a centre or campus, or a combination of more than one centre or campus, thereof.

### **THE CERTIFICATE**

A student who completes successfully the requirements of a specified program of studies, the successful completion of which would normally require full-time enrolment and attendance (or the equivalent thereof through part-time studies) in that program for a period of twelve months or less, is eligible to receive a Vancouver Community College program certificate. In 1977-78, the following designated certificate programs will be offered by the College at King Edward Campus:

Basic Job Readiness Training  
Basic Training for Skills Development  
College Foundations (Adult Secondary Equivalent)  
Community and Family Aide  
Employment Orientation for Women  
English Language Training  
Pharmacy Assistant  
Programs on Deafness.

With the exception of the College Foundations Program, a certificate is awarded on completion of a prescribed program. The specific certificate requirements of the College Foundations Program are listed on page 23 of this Calendar.

### **THE DIPLOMA**

A student who completes successfully the requirements of a specified program of studies, the successful completion of which would normally require full-time enrolment and attendance (or the equivalent thereof through part-time studies) in that program for a period of more than one year — usually the equivalent of two academic years being required — is eligible to receive a Vancouver Community College diploma.

In 1977-8 King Edward Campus will offer the Fine Arts (Music) Diploma, the requirements for which are listed following the program description on page 40.

### **THE COORDINATED STUDIES DIPLOMA**

A student successfully completing a prescribed one-year certificate program of studies, upon successfully completing further course work in related studies, community education, general education, arts and sciences or a combination of these, the successful completion of which would normally require full-time enrolment and attendance (or



the equivalent thereof through part-time studies) for an additional year, is eligible to receive a Vancouver Community College diploma in coordinated studies. The diploma — Associate in Coordinated Studies Program Diploma (showing major certificate emphasis) — is issued by the College at the graduation ceremonies at the centre/campus at which the program was completed.

#### **TRANSFER OF CREDIT FROM ONE PROGRAM TO ANOTHER**

While the certificate/diploma requirements of a specified program of studies are prescribed for that program, a student may, nonetheless, transfer successfully completed, and appropriate, course/program credits from one designated program to another. Upon application at the Student Services Centre of the Vancouver Community College centre/campus offering the program to which the student wishes to transfer, and after appropriate consultation with counsellors and/or instructors, the student will be advised respecting the modified program requirements.

#### **APPLICATION FOR PROGRAM CERTIFICATES AND DIPLOMAS**

A student who meets the requirements for a Vancouver Community College program certificate or diploma, must apply at the Student Services Centre of the centre/campus at which the program of studies is being completed. Application should be made during the final term at least one month before the program completion date.

### **Further Information**

For further information please contact:

Vancouver Community College  
King Edward Campus  
2750 Oak Street  
Vancouver, B.C. V6H 3N2  
Telephone: 731-4614

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## **TRAINING AND DEVELOPMENT DIVISION**

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### **Employment Orientation For Women (E.O.W.)**

Assessment and pre-training. Open to women 18-55 years, married or single, with or without children.

The program is designed to increase confidence in your ability to join the work force for the first time, or to return to it after a period of years. Prime focus is placed on problem-solving and decision-making skills. Students assume responsibility for their own learning, at their own speed, as well as for work done as members of the group.

#### **PROGRAM CONTENT**

##### **1. Preparation for Upgrading or Training**

Academic refresher work in English and Arithmetic on an individual basis enables students to identify their own levels of ability and to refresh forgotten skills. Topics include: Communicative English — grammar, spelling, composition, vocabulary, speech; Fundamentals of Arithmetic — basic concepts, practical applications, everyday problems.

##### **2. Preparing for Work**

Organizing home, family and personal responsibilities to clear the way for the double role of parent-homemaker and potential wage-earner. Topics studied include: home, family, money and time management, personal development, appearance, grooming, human inter-personal relations, community resources, and decision-making.

##### **3. Preparing for Employment**

Formal and informal assessment of interests, skills and abilities. Review of the labour market enables students to make realistic choices for the future. Topics include: Creative Job Search Techniques, letters of application, work habits and attitudes, meetings and discussions with Personnel and Placement Officers. Tours to industrial and commercial businesses, public and private agencies, and commercial resource centres are all part of the training provided.

#### **Training Procedures**

The program takes place in an informal atmosphere. Each class is limited to 15 students. A wide variety of experiences, including lectures, films, tape recordings, visiting teachers and speakers, and many field trips, is offered.

#### **Length of Program and Enrolment Dates**

Nine weeks daily 8:30 a.m. to 4:00 p.m. Starting January, April, September.

#### **Fees and Financial Assistance**

There are some openings for fee-paying students. However, the majority of students are placed in the program by Canada Manpower. Fees are \$67.50 plus approximately \$10.00 for books, supplies and field trips.



Canada Manpower pays fees for eligible students. In addition some students may be eligible for training allowance. Enquiries should be made at your *nearest Canada Manpower Centre*. Some students may be assisted by the Department of Rehabilitation and Social Improvement. For those eligible, funds are provided to cover car fare, babysitting, and a training allowance to be used in budgeting for personal needs. Apply to the Department of Rehabilitation and Social Improvement for details.

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## PROGRAMS ON DEAFNESS

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### I. VOCATIONAL ASSESSMENT OF THE HANDICAPPED

#### Objectives

This program is designed to give the low-verbal hearing-impaired person the basic educational assistance required for gaining admission to further vocational and/or academic training, or for finding employment.

#### Program Content

Classes and individualized instruction are available at the basic level in Communication Skills, English, Arithmetic and Life Skills. Social and Vocational Counselling is provided.

#### Length of Program

Registration, as a rule, takes place the first week of September. Individuals may be admitted to this class at other times if seats are available. The initial two months of the program are an assessment-orientation period. Further upgrading is then provided according to the needs of the student.

#### How to apply

Application for this program should be made to your local Canada Manpower office or to Aid to Handicapped, Health Department, 6th Floor, Broadway Centre, 805 West Broadway, Vancouver, B.C. V5Z 1K1, or to the Programs on Deafness, Vancouver Community College, King Edward Campus.

### II. VOCATIONAL ORIENTATION FOR THE DEAF (V.O.D.)

#### Objectives

This program is designed to give the hearing impaired person the educational assistance beyond the Vocational Assessment of the Handicapped level, the necessary educational assistance required for gaining admission to, and for continuing in, further vocational, technical, or academic training, or for finding employment.

#### Program Content

Classes and individualized work are available upon completion of the Vocational Assessment of the Handicapped or its equivalent to the

Grade 12 level in Communication Skills, English, Mathematics, Science and Life Skills. Social and Vocational Counselling is provided. Tutorial and Interpreter services are available.

#### Length of Program

Registration, as a rule, takes place the first week of September. Individuals may be admitted to this class at other times if seats are available. The initial two months of the program are an assessment-orientation period. Further upgrading is then provided according to the needs of the student.

#### How to apply

Application for this program should be made to your local Canada Manpower office or to Aid to Handicapped, Health Department, 6th Floor, Broadway Centre, 805 West Broadway, Vancouver, B.C. V5Z 1K1 or to the Programs on Deafness, Vancouver Community College, King Edward Campus.

### III. TRAINING PROGRAM FOR INTERPRETERS OF SIGN LANGUAGE OF THE DEAF

#### Objective

The objective of this program is to train paraprofessional workers for the deaf.

#### Program Content

This program includes courses in Sign Language of the Deaf, Interpreting for the Deaf, The World of the Deaf, Ethics of Interpreting for the Deaf, Communicative English, Mathematics, Techniques of Tutoring, and Practicums in various agencies serving the deaf.

#### Length of Program

Registration takes place the first week after Labour Day. The program is a six hours per day, five days per week, ten months program.

#### Enrolment

Entrance requirements: preferably Grade XII and some knowledge of the deaf and/or sign language. Application for this program should be made to your local Canada Manpower office or to the Programs on Deafness, Vancouver Community College, King Edward Campus.

### IV. SIGN LANGUAGE AND MIME CLASSES

#### Objectives

These evening classes are designed to assist individual members of the public to learn how to communicate with the deaf by using manual communication.

#### Program Content

Sign Language — Level 1: A basic course covering fingerspelling and approximately 400 conventional signs.

Sign Language — Level 2: An intermediate course covering 600 conventional signs beyond level 1.

Sign Language — Level 3: An advanced course covering 1,000 signs and idioms beyond level 2.

Each of the above classes meets two hours a week for twelve weeks.



**MIME** — An evening course in mime for both hearing and deaf people. This class meets for two hours each week for thirteen weeks.

#### **Registration**

Classes begin in September and January. Please contact King Edward Campus, Vancouver Community College for further information.

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### **Basic Job Readiness Training (B.J.R.T.)**

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#### **Location**

Classes are held at King Edward Campus and in off campus locations as required.

#### **Objective**

To enable participants to upgrade basic skills and knowledge to a point where suitable employment or entry to further training, or preparation for employment may be obtained.

#### **Program Content**

**Basic Education:** as preparation for further training, reading, writing, oral communication and arithmetic will be given primary emphasis. Where use of language is inadequate, an intensive effort will be made to upgrade this skill.

**Life Skills Training:** various program elements designed to aid the participant in coping effectively with problems encountered in everyday life and work experience will include problem solving skills in family and community life, finance, work and personal situations as well as interpersonal communication and awareness skills.

**Work Experience:** as BJRT is designed to get the participant directly, or through further training, into suitable employment, real work experience for part of the program will be arranged for each client. Experiences will range from observing to actually working on the job.

**Job Orientation:** some basic occupational skills of value in subsequent employment or training will be developed through individual and group activities. These will include physical craft opportunities and workshop participation with a view to developing good work habits and on the job decision making skills.

**Job Search Techniques:** elements of "Creative Job Search Techniques" and "Creating a Career" will be an important part of the program.

**Counselling and Special Services:** provision is made for appropriate services to each participant in the event of need.

#### **Enrolment**

Intake: September, November, January and April  
Contact your local Canada Manpower Counsellor, or counsellors at K.E.C.

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### **Basic Training for Skill Development (B.T.S.D.) Levels 2, 3, and 4**

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#### **Objectives**

These programs are designed to provide the necessary educational upgrading required for gaining admission to further vocational or technical training or for finding employment.

#### **Entrance Requirements**

The student should be 18 years of age, or older, and/or out of school for at least one year.

#### **Fees**

\$30.00 per month. Canada Manpower may sponsor eligible students. A non-refundable Student Services Fee is charged each term.

#### **Examinations**

Periodic short tests and a final examination are given for each course.

#### **Enrolment**

Contact your local Canada Manpower Office or a King Edward Campus counsellor.

Enrolment Dates: The beginning of each month.

#### **Program Content**

##### **B.T.S.D. Levels 2 and 3 — To Grade 10 Equivalency**

This is a program in vocationally oriented Communications, Mathematics and Science designed to enable the student to take further trade training in programs which require Grade 10 as a prerequisite, or to enable the student to proceed to B.T.S.D. Level 4. The program is individualized, which means that students start at levels based on their present academic skills and move through the program at rates best suited to them.

**Communications:** The students are involved in all aspects of written and oral communication. Reading is studied for comprehension and speed. Help is given in mastering correct word usage, effective sentence structure, paragraphing, and other skills. Students are expected to take part in group discussions about such things as working with other people, career planning, and classroom administration, using these discussions to improve vocabulary and listening skills.

**Mathematics:** The course covers fundamentals of arithmetic and business mathematics. For students going on to Level 4, there are options in area, volume, statistics, informal geometry, integers and rationals, basic algebra and problem solving.

**Science:** The core covers such topics as scientific method, human biology and health safety and first aid, ecology and general science. There are optional units in various aspects of Chemistry and Physics.

#### **Length of Program and Enrolment Dates**

The program may last for 6 weeks or 6 months, depending on the level at which students can learn. The enrolment is daily as space permits.



### **B.T.S.D. Level 4 — To Grade 12 Equivalency**

The program in vocationally oriented Communications, Mathematics and Science is designed to enable the student to take further trade training programs which require Grade 12 as a pre-requisite, or to help the student move directly into more satisfying employment.

#### **Communications**

This course reviews correct word usage, effective sentence structure & paragraphing, with further emphasis on report and precis writing, oral communication, business correspondence, and job applications. Book reviews and a research paper are required. Students are expected to analyze critically various types of written material.

#### **Mathematics**

Practice in basic skills in fundamental operations with whole numbers, fractions, decimals, and percents is followed by basic algebra. The student then selects, on the basis of vocational goals, either the technically-oriented or business-oriented Mathematics option.

#### **Science**

All students study chemistry for two months. Later they can choose three months of biology or three months of physics depending upon their vocational goals.

#### **Chemistry**

This is a foundation program in chemistry at the Grade 12 level for students who may or may not have previous knowledge of the subject. The first part of the course is devoted to the fundamental principles of chemistry; the second part deals with descriptive and industrial chemistry.

#### **Biology**

The course provides an introduction to these areas of general biology: the cell, human biology, basic ecology. In addition, the student selects from several options.

#### **Physics**

This basic course in Physics provides preparation for entering technical programs. Traditional concepts as well as an introduction to Einstein's Theory of Relativity are presented.

#### **Length of Program and Enrolment Dates**

Five-month program with monthly enrolment as space permits. (B.T.S.D. Level 1 may be available)

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### **B.T.S.D. Outreach Centres**

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Britannia Community Centre — B.T.S.D. Level 2-3  
1161 Napier — Telephone 253-4391

#### **Content**

Individualized learning environment stressing academic skills to the Grade 10 Level, and basic life skills and job search techniques.

#### **Enrolment**

Referral through a Canada Manpower Centre. Fee-paying spaces available.

B.T.S.D./B.J.R.T. Youth — B.T.S.D. Level 1 to 3 and B.J.R.T. Main Street at 20th Avenue (215 East 20th Avenue) 873-2711

#### **Content**

Learning environment structured to the needs of top teens (ages 17 and up), stressing life skills & job readiness skills, communications, mathematics and science to the Grade 10 level with the intent of facilitating early re-entry into the educational system with clear vocational goals or direct entry into employment.

#### **Target Group**

Youth aged 17 or over, ready for an academic upgrading program but who are not equipped to enter an existing institutional program.

#### **Enrolment**

Through community agencies working with youth.

Through a Canada Manpower Centre.

Fee-paying spaces also available. (Fees: \$30.00 per month).

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### **Community and Family Aide (C.F.A.)**

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This is a course in basic housekeeping skills designed to prepare the successful graduates for employment as kitchen helpers or on housekeeping staffs of personal care homes, rest homes, hospitals, lodges, hotels or motels, or as homemaking assistants. In addition the course prepares the students for more effective management of their own homes and children.

#### **Entrance Requirements**

**Age:** 18 years and over

**Education:** No specific level required, but must have the basic skills of reading, writing, and simple arithmetic. Sufficient oral and written English for effective communication is required.

#### **General**

—Sincere interest in housekeeping skills

—Ability to get along with others and readiness to work effectively under supervision



- Strong sense of responsibility
- Good physical and mental health

**Length of course:** 3 months

**Enrolment dates:** April, September, January

**Course Costs:** Basic \$30.00 per month plus

Textbooks and materials \$5.00.

Incidental items such as transportation for field trips.

**Dress:** Uniforms (pant suits) supplied.

Comfortable low-heeled shoes must be worn.

**Examination:** No formal examination; weekly test and day to day evaluation of practical work.

**Training Procedure:** Theory, demonstrations and practice in the classroom, supplemented by field trips films and visiting speakers.

**Course Content includes:**

1. Food preparation and service; meal planning, nutrition, shopping, cooking and serving.
2. Cleaning and laundry procedures; use of appliances.
3. Consumer education.
4. Working with people; needs and behavior of children, adolescents, the elderly.
5. Safety, first aid and health assistance.
6. Personal development.
7. Employment information.

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## Pharmacy Assistant Program

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The Pharmacy Assistant Program is designed to train non-professional personnel in the technical and manual aspects of Pharmacy. It provides basic knowledge relative to the uses of drugs in prescriptions so that the Pharmacy Assistant will be more fully aware of the responsibilities of a Pharmacist and be more capable of anticipating needs. Course content is also valuable to those desiring to work in other areas of retail business.

**Course Content includes:**

Prescriptions: typing and fixing labels, counting and pouring, knowledge of construction, control and entering in Narcotics Register. Uni-drug: basic information on operation and use. Preparations: proper procedures for weighing, measuring and mixing.

Pharmaceutical Mathematics

Keeping Stock Record Cards

Receiving, unpacking and marking of shipments

Proper customer approach and communication

**Training Procedure**

Lessons, demonstrations, laboratory work with field practice in pharmacies and hospitals.

**Length of Course**

Three months commencing April, September and January

**Fees**

\$90.00 for the three months course plus \$3.20 student fee

**Entrance Requirements**

**Age:** Minimum 18 years.

**Health:** Good. Must not be colour-blind.

**Education:** Grade 12 standing, ability to communicate with the public easily, typing experience (25 words per minute)

**General:** must be bondable — a genuine interest in pharmacy is an asset.



## COLLEGE FOUNDATIONS DIVISION

Dates subject to change without notice.

### Summer Term — 1977

"a" Term — May 1 to June 30 — day classes only.

"b" Term — July 1 to August 31 — day classes only.

"a-b" Term — May to August 31 — day and evening classes

May 1, 1977	First day of Summer "a" Term
May 2 - 3	Registration for courses taught "a" and "a-b" Terms. 2:00 - 8:30 p.m.
May 4	First day of classes — Day and Evening
May 4 - 6	COURSE CHANGE and LATE REGISTRATION PERIOD
May 23	Victoria Day: VCC closed
May 31	Last day for REFUNDS
June 3	Last day for OFFICIAL WITHDRAWAL from courses
June 21 - 22	"a" Term Final Examinations; "a-b" mid-term examinations
June 27 - June 30	Mid-term Break
June 30	Last Day of "a" Term
July 1	First day of Summer "b" Term
July 1	Dominion Day: VCC closed
July 4	Registration for "b" Term 10:00 a.m. - noon
July 5	First day of classes for "b" Term Day and Evening
July 29	Last day for REFUNDS for "b" Term courses.
July 29	Last day of OFFICIAL WITHDRAWAL from "b" Term courses
August 1	B.C. Day: VCC closed
August 23 - 24	Term-end examinations
August 31	Last day of Summer Term.

### FALL Term — 1977

September 1, 1977	First day of Fall Term
September 5, 1977	Labour Day: All centres closed.
September 6 - 7	Registration for Fall Term day and evening classes 2:00 p.m. to 8:30 p.m. Registration for all centres at King Edward Campus
September 8	First day of classes — Day & Evening

September 8 - 9	COURSE CHANGE and LATE REGISTRATION PERIOD — 4:00 p.m. to 8:30 p.m.
September 30	Last day for REFUNDS
October 10	Thanksgiving Day: VCC closed
November 10	Last day for OFFICIAL WITHDRAWAL from courses
November 11	Remembrance Day: VCC closed
December 12	Last day for DAY CLASSES
December 13, 14	Term-end examinations
December 25	Christmas Day: VCC closed
December 26	Boxing Day: VCC closed
December 31	Last day of Fall Term

### SPRING TERM — 1978

January 1, 1978	First day of Spring Term: New Year's Day: VCC closed
January 3, 4:	Registration for all classes at King Edward Campus. 2:00 to 8:30 p.m.
January 5	First day of instruction for day and evening classes
January 5, 6	COURSE CHANGE PERIOD and LATE REGISTRATION PERIOD
January 31	Last day for REFUNDS
TBA	Heritage Day: VCC closed
March 10	Last day for OFFICIAL WITHDRAWAL from courses
March 24	Good Friday — VCC closed
March 27	Easter Monday: VCC closed
April 17	Last day of classes
April 18, 19	Term-end examinations
April 30	Last day of Spring Term

### SUMMER TERM — 1978

"a" Term — May 1 to June 30 — day classes only.

"b" Term — July 1 to August 31 — day classes only.

"a-b" Term — May 1 to August 31 — day and evening classes.

May 1, 1978	First day of Summer "a" Term
May 1, 2	Registration for courses taught "a" and "a-b" terms. First day Terms. 2:00 p.m. to 8:30 p.m.
May 3	First day of classes — Day & Evening
May 3 - 5	COURSE CHANGE and LATE REGISTRATION PERIOD
May 22	Victoria Day: VCC closed
May 26	Last day for REFUNDS



June 2	Last day for OFFICIAL WITHDRAWAL from courses
June 20, 21	"a" Term Final Examinations: "a-b" mid-term examinations
June 26 - June 30	Mid-term break
June 30	Last day of "a" Term
July 1	First day of Summer "b" Term
July 1	Dominion Day: VCC closed
July 3	Registration for "b" Term
July 4	First day of classes for "b" Term — Day & Evening
July 28	Last day for REFUNDS for "b" Term courses
July 28	Last day for OFFICIAL WITHDRAWAL from "b" Term courses
August 7	B.C. Day: VCC closed
August 21	Last day of classes
August 22, 23	Term-end examinations
August 31	Last day of Summer Term

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## General Information

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### FEES

**Tuition Fee:** \$25.00 for each four month course.  
(\$125.00 maximum per term)

**Late Registration Fee:** \$2.00

**Course Change Fee:** \$4.00

No charge will be made to a student who may have been admitted to a course at an inappropriate level.

### Fee Refunds

The scale below indicates the rates at which refunds will be granted to students who withdraw from the College or from a course which qualifies for a refund. Refunds are not processed until the beginning of the month following registration.

**Note:** No refund is granted on "Late Registration", "Course Change", or "Student Service" fees.

### Scale of Refunds

Withdrawal in first or second week of instruction — 80% of the tuition fee.

Withdrawal in third or fourth week of instruction — 50% of the tuition fee.

Withdrawal after the 4th week of instruction — no refund.

**Note:** Students withdrawing from the College before the first day of instruction receive a full refund minus a registration fee of \$2.

### Books and Supplies

Students are responsible for obtaining their own textbooks and supplies. These are obtainable through the College Bookstore, Langara. A temporary Bookstore will operate at the King Edward Campus during the first week of classes and twice weekly there-after.

### Organization of Instruction

Day instruction is scheduled on a three days a week basis at King Edward Campus.

Evening instruction is offered on a three nights-a-week basis (Monday, Wednesday and Friday, or Tuesday, Thursday and Friday) at two centres — King Edward Campus, 2750 Oak Street and Vancouver Technical School, 2600 East Broadway (Industrial Courses only).

Tutorials and seminars for enrolled students are given at King Edward Campus on Friday evenings.

During the Summer Term, day and evening classes are given only at the King Edward Campus.

### Term Work

Term essays projects and reports, etc., assigned to students during the term, account for over 50 percent of the final grade. For success in any course or program at Vancouver Community College students must keep up-to-date in all assignments and classwork. Students are encouraged to make use of the facilities of the Learning Centre for extra help. The Learning Centre Schedule is posted near the door to Room 205.

### Examinations

In order to receive course credit, students are required to write the final examinations for each course taken. Students write their final examinations during their last class session.

**N.B.** Final responsibility for choice of program and/or courses rests with the student.

### Assessments and Documentation

Students are expected to produce transcripts of their previous academic records before receiving their registration numbers. Those whose documents are unavailable will be requested to take the appropriate assessments.

In any event, students, whose previous marks in Mathematics and/or English are in the P-C range, are strongly advised to make use of the assessments. It is important to realize that the assessments are NOT examinations in the conventional sense. They are used only to assist in making recommendations regarding level placement so that students will have the necessary information to enrol in courses in which they will most likely meet with success.

### Advance Credit or Transfer Credit

Credit may be given on the basis of equivalent courses already completed, or on the basis of work experiences in areas related to students' programs. Students seeking advance credit or transfer credit are expected to produce the necessary documents, e.g. transcripts of marks. Credit is granted to a maximum of six courses, in consultation with faculty advisors or the division chairman.



### **Instruction**

Instruction in most programs is based on a four-month semester with classes either in the day or the evening. Each course requires attendance for five hours a week. Each semester of course work is complete in itself. With the possible exception of Basic Education, a letter grade is earned for each course successfully completed. The final grades earned by students are based on assignments, test scores during the term, and a final examination. Regular attendance is essential. Arrangements can be made, through the Student Services Office for shift workers to alternate between day and evening classes.

### **Basic Education Program - To Grade 8 Equivalency**

Equivalent to Basic Training for Skill Development (BTSD) Levels 1 and 2. This is a very flexible program capable of taking students from learning to read and write to the Grade 8 level in English and Mathematics. Students enter at any level of achievement and continue at their own rates until they achieve Grade 8 equivalency.

**Classes:** Monday and Wednesday, or Tuesday and Thursday evenings, or during the day. Students may enter this program at any time.

### **Introductory Program - To Grade 10 Equivalency**

Equivalent to Basic Training for Skill Development (BTSD) level 3. This program consists of five courses: two in English, two in Mathematics, and one in Science.

Students whose native language of instruction was not English may benefit from attending courses in English Language Training, offered both days and evenings. For locations and days, see the Community Education Services advertisements in the Vancouver newspapers in September, January and March, or telephone 731-0408 or 731-0409.

### **College Foundations Program - To Grade 12 Equivalency**

The College Foundations Program is similar to the Ministry of Education, Adult Secondary Program. Completion of the College Foundations Program earns the students the Community Colleges of British Columbia Certificate of Grade XII Equivalency which is the equivalent of the British Columbia Department of Education Grade 12 Certificate.

Certain post-secondary subjects have prerequisites at the College Foundations level.

**N.B.** Grade 10 completion or its equivalent is a prerequisite for the College Foundations Program.

College Foundations courses may be completed by attending days and/or evenings. Classes are offered at the King Edward Campus, and the Vancouver Technical Secondary School.

Completion of a College Foundations Program normally requires a minimum of two terms of full-time study. Credit may be given on the basis of work experience. Credit will be given for BTSD level 4 courses. Credit to be granted will normally be decided before the students commence studies. Industrial subjects are available only at night in classes provided through Community Education Services

Division. These two-term courses are offered only at Vancouver Technical Secondary School, beginning in October.

Students previously enrolled in Adult Secondary or Senior Secondary programs elsewhere, who still need one or more subjects to complete their programs, may enrol in the equivalent courses at the King Edward Campus and be given credit on successful completion.

Students who intend to enter another college or university on completion of a College Foundations Program should determine specific requirements of that institution and plan programs accordingly.

Five courses is a normal study load. Permission to enrol in six, or more must be obtained in writing from the Dean of Instruction, or the Division Chairman prior to registration.

Requests for section changes must be made at the Admissions Office. Placement in a section after the close of registration is at the discretion of a Department Head.

### **Withdrawals.**

Students officially withdrawing from courses must comply with the formal withdrawal procedure at the Student Services Office on or before the last day for course withdrawals to obtain a refund. The last day for official withdrawal from courses in each term is listed on pages 18 and 19 of the calendar.

### **Community Colleges College Foundations Certificate**

To obtain a "Community Colleges College Foundations Certificate", students must complete applications at the Students Services Office no earlier than the term in which the last course is completed. A student is eligible for a certificate when the following program is completed:

### **College Foundations Certificate (Grade XII Equivalent)**

You will be awarded a Certificate on successful completion of the following program:

a) English 071 and Canadian Viewpoints 081 and 091 or English 098/099

b) Four Courses:

Biology 083	Consumer	Geography 098
Biology 093	Finance 092	Geology 095
Business	Economics 094	History 094
Communications 082	Economics 095	History 095
Chemistry 083	English 083	History 098
Chemistry 093	English 093	Mathematics 083
*Construction 082	**French 083	Mathematics 093
*Construction 092	**French 093	*Mechanics 082
Consumer Law 082	Geography 094	*Mechanics 092
	Geography 095	Physics 083
		Physics 093
		Typing 092



c) Six courses from:

Biology 061	English 071	Physics 061
Biology 071	French 061	Physics 071
Bookkeeping 062	French 071	Reading and Study Skills 097
Bookkeeping 072	**German 061	Shorthand 062
Chemistry 061	**German 071	Shorthand 072
Chemistry 071	Mathematics 061 or 062	**Spanish 061
*Construction 062	Mathematics 071 or 072	**Spanish 071
*Construction 072	*Mechanics 062	Typing 062
*Drafting 062	*Mechanics 072	Typing 072
*Drafting 072	Music 097	Writing Skills 097
*Electricity 062		
*Electricity 072		

or courses from Section (b) above, not already selected. A minimum of six courses must be completed at King Edward Campus.

\* Offered only through evening classes at Vancouver Technical School beginning in October.

\*\* Offered only through equivalent courses offered at the Langara Campus.

## Course Descriptions

Nearly all courses are now designated by a three-digit number. The numbering system of the courses differs from the Secondary School equivalent which is shown in parenthesis immediately below the course title and number.

Course descriptions are given for related pairs of courses: for example, Biology 061 and Biology 071. Where course descriptions are given in pairs they must be taken in sequence, i.e. Mathematics 061 and 071, Typing 062 and 072. Where related courses are described individually, the related pairs may be taken in either order or together. However, it is recommended that these courses be taken in order. Each unit in a pair represents a term's work, and is a complete course for which a final grade is earned. Together, the two courses represent an academic year of study in that subject.

### Section Hours

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.

## Business Education

### Bookkeeping 062 and 072

(Bookkeeping 11)

Bookkeeping 062 and 072 provide a thorough introduction to fundamental accounting principles and relates these principles to current practices.

Bookkeeping 062 includes analysis of transactions, double-entry accounting, formal journalizing and posting, preparation of financial statements and subsidiary ledger accounting and the Synoptic Journal. This course also includes the operation of the 10-key adding machine by the touch method.

Prerequisite: English 051 or equivalent.

(2:1:2)

Bookkeeping 072 includes the five journal system, cash and banking activities, payroll accounting, adjustments to financial statements and completion of the accounting cycle.

Prerequisite: English 051 or equivalent and Bookkeeping 062

(2:1:2)

### Business Communication 082

(Office Practice 12, half course)

This course helps train students in all phases of business communication: speaking, listening, reading, writing. Practice is given in English usage: vocabulary, spelling, punctuation, correct use of capitalization, abbreviations, and in the composing and typing of simple business letters. A review of letter styles, combined with different types of business letters e.g., sales, credit, employment, claims, etc., is included.

Correct and effective use of the telephone, administrative and reception duties are also covered.

Prerequisite: English 071 or equivalent and Typing 072

(2:1:2)

### Consumer Finance 092

(General Business 12, half course)

This course is an introduction to personal money management, finance and investment. The course takes a practical approach to such topics as: "Money Management," "Borrowing," "Mortgages," "Insurance Schemes," "Savings and Investments."

Prerequisite: English 051 or equivalent

(4:1:0)

### Consumer Law 082

(General Business 12, half course)

This course provides an introduction of a practical, personal nature to the framework of Canadian Law as it affects Canadians as citizens and consumers. Topics to be considered: "Understanding Our Legal System," "Legal Rights of Others," "Civil Rights," "Making Legal Agreements," "Employer-Employee Relations," "Landlord-Tenant Relations."

Prerequisite: English 051 or equivalent

(4:1:0)



## Shorthand 062 and 072

(Shorthand 11)

Shorthand 062: A beginner's course in Pitman's Shorterhand, this course covers the first fourteen chapters of the text. Shorterhand is a simplified and modified version of the classic Pitman's system enabling the student to achieve, in a much shorter time than formerly, a high level of speed in writing and transcription skills. Typing is not a prerequisite for this course, but would be advantageous for transcription purposes.

Prerequisite: English 071 or equivalent (2:1:2)

Shorthand 072: This course completes the final fourteen chapters of the Pitman's Shorterhand text. At the completion of the course students should be capable of taking dictation on familiar material at 80 words per minute and transcribing this material quickly and accurately. Typing is not a prerequisite for this course, but would be advantageous for transcription purposes.

Prerequisite: English 071 or equivalent and Shorthand 062 (2:1:2)

**N.B.** These courses will be offered next in the Fall Term, 1977, provided enrolment warrants.

## Typing 062 and 072

(Typing 11)

Typing 062: This is a beginning course in touch-typing. Students learn to identify typewriter parts, type sizes and styles. They use effective typewriting techniques, perform drill keyboard operations and type and centre material horizontally and vertically. A typing speed of at least 30 correct words per minute must be attained before a student may proceed to Typing 072.

Prerequisite: English 051 or equivalent (2:1:2)

Typing 072: In this intermediate course in touch-typing students learn to identify and select paper and envelopes and to type tabulation tables, manuscripts, business letters and envelopes. A typing speed of at least 40 correct words per minute must be attained before a student may proceed to Typing 092.

Prerequisite: English 051 or equivalent and Typing 062 (2:1:2)

## Typing 092

(Office Practice 12, half course)

This is an advanced course in typing. Students learn to set up and type business reports, book manuscripts, minutes of meetings, agendas and telegrams. A review of open and ruled tables, reports, letters, memoranda and invoices is also included. A typing speed of at least 50 correct words per minute must be attained to pass this course.

Prerequisite: English 051 or equivalent and Typing 072 (2:1:2)

## English

### English 031 (Basic Education)

Introductory instruction in English from learning to read and write — oral communications — reading skills — written communication — to the Grade Eight level.

### English 041 and 051

(English 9 and 10)

These courses are designed to improve and develop communications: oral, reading and writing. Includes practice in speaking, reading aloud, reading silently, writing sentences, paragraphs and short essays. Students read, consider and discuss short stories, plays, newspapers, novels and short non-fiction articles.

Prerequisite: English 031 or its equivalent. (4:1:0)

### English 071

This course, designed to prepare students for Canadian Viewpoints 081 and 091, is primarily a composition course in which students progress from writing paragraphs to planning and writing short essays. Particular attention is given to each student's individual writing problems. Students develop critical reading and editorial skills through combining writing tasks with reading and discussing short stories, a novel and/or a play.

Prerequisite: English 051 or equivalent. (4:1:0)

### Canadian Viewpoints 081 and 091

(English 12 and Social Studies 11)

Using a Canadian focus, the courses combine English and Social Studies through a study of important examples of Canadian drama, poetry, short stories, novels and non-fictional works, grouped thematically. Emphasis is placed on oral and written communication as well as mature reading skills. A specific aim of the course is to stimulate interest in, and develop knowledge of, Canadian heritage and traditions, Canadian concerns and problems. Student participation is stressed (in seminars, individual student presentations, etc.).

Prerequisite: English 071 or its equivalent. (4:1:0)

### English 082 and 092

These courses in Communications English concentrate on the oral and written work necessary for improving the students' ability to operate in the working world. The course covers reading, business and report writing skills, etc. The course is part of B.T.S.D. level 4.

Prerequisite: English 051 or equivalent (4:1:0)

### English 083

(Literature 12, half course)

This course is structured in one of two ways:

1. A survey in chronological sequence of the major figures of English Literature from Anglo-Saxon times to the Pre-Romantic Period.



2. A thematically structured course in which literature from various periods is arranged under different themes. These themes may vary from one semester to another and from one instructor to another. Stress is laid on interpreting each literary selection and seeing the relationships between selections coming under a particular theme.

The course attempts to give students some idea of our cultural heritage so that they can better understand themselves and our society. Students are helped to develop the skills which are needed to read, to understand, to discuss, and to appreciate the literature of times other than their own.

Prerequisite: English 071 or equivalent

(4:1:0)

### English 093

(Literature 12, half course)

This course is structured in one of two ways:

1. A survey in chronological sequence of the major figures of English Literature from the Romantic Period to the Modern Age.
2. A thematically structured course in which literature from various periods is arranged under different themes. These themes may vary from one semester to another and from one instructor to another. Stress is laid on interpreting each literary selection and seeing the relationships between selections coming under a particular theme.

Prerequisite: English 071 or equivalent

(4:1:0)

### English 098 and 099

(Equivalent, for credit purposes, to Canadian Viewpoints 081 and 091)

English 098-099 is a full time credit program for those students who, in their own language, have attained at least a university entrance level, but whose facility in English is somewhat below the level required for success in regular college classes. Intensive instruction and practice are offered in all aspects of the language (listening, speaking, reading, and writing) together with at least two hours of orientation each week.

Day instruction is given for twenty-five hours each week; a minimum of two hours daily is spent on assignments. Evening classes are given two evenings a week, each class lasting four hours. Students in the evening classes are required to enrol in English 098 during the first semester, and in English 099 during the subsequent semester. Enrol in January, May, and September. (Day: 20:5:0) (Evening: 8:2:0)

### Reading and Study Skills 097

This is an individualized course, designed to help the student who is an inefficient reader develop and improve the skills necessary for efficient reading and efficient studying. There is one hour of lecture and four hours of lab work per week. Students should take the reading assessment test before registering for the course. (1:0:4)

### Writing Skills 097

Writing Skills is a course designed to give students confidence in writing through practice and encouragement. The course, based on individual attention, provides opportunities for students to correct writing faults and to improve written expression. (1:0:4)

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## Industrial Subjects

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All course pairs given in evenings at Vancouver Technical School, starting only in October.

### Construction 062 and 072

(Construction 11)

A basic course in woodworking and cabinet-making; introduction to projects using hand and power tools.

Prerequisite: Mathematics 041 or equivalent.

(1:0:4)

### Construction 082 and 092

(Construction 12)

A course in the principles and practices involved in house construction: form work, roof, rafter, sheeting and finishings.

Prerequisite: Construction 072 or equivalent.

(1:0:4)

### Drafting 062 and 072

(Drafting 11)

An introductory course in engineering lettering, mechanical and architectural drafting.

Prerequisite: Mathematics 041 or equivalent.

(1:0:4)

### Electricity 062 and 072

(Electricity 11)

Electricity 062 and 072 are a combination of theory and practice involving magnetism, circuits and power.

(1:0:4)

Prerequisite: Mathematics 041 or equivalent.

### Mechanics 062 and 072

(Mechanics 11)

Auto mechanics: Fundamentals of automobile mechanics; engine, fuel systems, lubrication systems, electrical systems; engine testing, trouble-shooting and servicing.

(1:0:4)

OR

Machine Shop: The theory and practice of turning, tracing, screw-thread cutting and drilling.

Prerequisite: Mathematics 041 or equivalent.

(1:0:4)

### Mechanics 082 and 092

(Mechanics 12)

Auto mechanics: A theoretical and practical course covering clutches, transmissions, drive-trains, axles, differentials and auxiliary equipment.

(1:0:4)

OR

Machine Shop: A course in the use of machine shop tools; general lathes, milling machines, shapers, surface grinders, drills and other bench tools.

Prerequisite: Mechanics 072 or equivalent.

(1:0:4)



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## Mathematics

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### Mathematics 031

(Basic Education)

Whole numbers, fractions, decimals, percentages, graphs to the Grade 8 level. (4:1:0)

### Mathematics 041

(Mathematics 9 and 10)

This is an introductory course in both academic and general mathematics. The course is designed to provide mature students with a review of arithmetic. Because a modern and adult approach is used, a good foundation to algebra is provided. It includes working with decimals and common fractions, percentage, ratio and proportion, elementary algebra, and, time permitting, elements of geometry and an introduction to the metric system. Simple word problems are practiced throughout the course. Students who have had difficulty with mathematics, and students who have not taken mathematics beyond Grade 10 and who have been out of school for five or more years, should seriously consider enrolling in this course.

Prerequisite: Mathematics 031 or equivalent

(4:1:0)

### Mathematics 051

(Mathematics 9 and 10)

This course is designed to give the student a good foundation for Mathematics 061. One half of the course includes a study of rational numbers, solving equations and word problems. The other half includes an introduction to plane geometry including constructions and designs and a short section on proving and using a few basic theorems.

Prerequisite: Mathematics 041 or equivalent

(4:1:0)

### Mathematics 061 and 071

(Mathematics 11)

These courses in modern algebra cover linear and quadratic functions and their graphs, factoring, fractional expressions and equations, laws of exponents, working with radicals and an introduction to logarithms. Mathematics 061 is taken before Mathematics 071.

Prerequisite: Mathematics 051 or Mathematics 10 or equivalent (4:1:0)

### Mathematics 062 and 072

(General Mathematics 11)

These are general mathematics courses which begin by reviewing the basic principles of arithmetic and percentage and proceed to formulae and equations used in business or in the trades. Students have a choice of textbooks:

**Business and Consumer Mathematics** provides background material for some of the two year Business Administration programs offered at Langara.

**Career Mathematics** has sections applicable to various trades.

These courses are recommended for those who wish to meet the credit requirements for Grade 12 equivalency without a major in mathematics and for those who wish to prepare for the G.E.D. tests.

Prerequisite: Mathematics 041 or equivalent

(4:1:0)

### Mathematics 082 and 092

(Technical)

Similar to the old Math 91 course. Provides the prerequisite for such courses as Electronics, Building Construction, etc. Basic algebra, algebraic fractions, simulations, equations, graphs, radicals and fractional exponents; arithmetic, geometric and harmonic series; binomial expansions, permutations and combinations, probability, basic geometry, trigonometry including oblique triangles, quadratic solving, graphs, roots, homogenous equations, maxima and minima.

This course is part of B.T.S.D., level 4.

Prerequisite: Mathematics 041 or its equivalent.

(4:1:0)

### Mathematics 083 and 093

(Mathematics 12)

These are advanced courses at the secondary level. Mathematics 083 deals with polynomial functions, systems of equations, and introduces matrices and determinants, exponential and logarithmic equations, analytic geometry, geometric and arithmetic progressions and binomial expansions. Mathematics 093 deals with trigonometry, from basic principles to problems involving sum and product identities, sine and cosine laws, areas of triangles, circular functions, vectors and complex numbers and polynomial functions. Also included is an introduction to the calculus. Mathematics 083 is taken before Mathematics 093.

Prerequisite: Mathematics 071 or Mathematics 11 or equivalent (4:1:0)

### Mathematics 084 and 094

(Commercial)

Simple version of arithmetic, geometric and harmonic series; ratio, proportion and variation; binomial expansions, permutations and combinations; probability, simple business mathematics; simple operations and percentages; business mathematics, etc.

This course is part of B.T.S.D. level 4.

Prerequisite: Mathematics 041 or its equivalent.

(4:1:0)



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## MODERN LANGUAGES

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### French 061 and 071

(French 11)

These intensive beginning courses in French enable the student to attain the minimum requirements in French for the Adult Secondary Certificate, and the Community Colleges College Foundations Certificate. Classwork stresses development of reading, writing and speaking skills with particular emphasis on oral fluency. Equivalent to French 115 and 215 at Langara.

(3:1:1)

### French 083 and 093

(French 12)

Advanced courses in French at the College Foundations level.

Prerequisite: French 071 or French 11 equivalent.

No longer being offered at King Edward Campus. For credit enrol in French 117 and 217 at Langara.

(3:0:1)

### German 061 and 071

(German 11)

Intermediate courses in College Foundations German which complete the minimum language requirements for the Secondary Certificate of the Ministry of Education.

These courses are not offered at King Edward Campus. Students wishing to obtain credit for German 061 - 071 must register in German 215 at Langara.

(3:0:1)

(German 215 is the equivalent of German 061 - 071).

Prerequisite: German 10 or equivalent.

### Spanish 061 and 071

(Spanish 11)

Intermediate courses in College Foundations Spanish which complete the minimum language requirements for the Secondary Certificate of the Ministry of Education.

These courses are not offered at King Edward Campus. Students wishing to obtain credit for Spanish 061 - 071 must register in Spanish 215 at Langara.

(3:0:1)

(Spanish 215 is the equivalent of Spanish 061 - 071).

Prerequisite: Spanish 10 or equivalent.

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## Physical and Life Sciences

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The goal of the science department is to provide the adult learner with an environment in which to explore the approaches and principles of modern science. Our approach is to guide the student in learning concepts and techniques which can be used as tools to our complex world. We emphasize the scientific method and logical thinking, rather than the memorization of "facts", which all too often are soon forgotten or become obsolete. We believe that science should be used for the enhancement of human beings, and that learning science plays an important role in understanding ourselves, nature, and our relationships to nature. Thus, the instructors look upon themselves as leaders of, and facilitators for, adults who take responsibility for their own education.

### Science 051

(Science 10)

This is an introductory science course primarily designed to acquaint the student with the basic concepts of the scientific method. This involves the use of factual material to arrive at logical conclusions rather than memorization without understanding.

The course is partially individualized so that students can often work at their own speed. Subjects of current interest from four sciences, geology, physics, chemistry and biology, are studied. These include: continental drift, nuclear physics, energy, ecology and genetic engineering.

(2:1:2)

### Biology 061

(Half of Biology 11)

This is an introductory ecology course with an emphasis on human ecology. Studies include the principles of energy flow, population dynamics, and community structure. These principles are applied in exploration of terrestrial, aquatic, microbial and human ecology. Field trips are an important aspect of the course. Topics include ecological inventories, diseases, human population problems and the ecology of cities.

(2:1:2)

### Biology 071

(Half of Biology 11)

This course is an introduction to evolution and organism diversity. The unifying theme of evolution is used to emphasize adaptations of plants and animals to their environments. Field trips are taken to familiarize students with local flora and fauna. Individual instructors emphasize different aspects of diversity, from birds to trees to intertidal life to parasites. Topics include: the origin of species, animal behavior, human evolution, plant identification and animal dissections.

Biology 061 and 071 can be taken together or in either order; however, it is suggested that Biology 061 be taken first.

(2:1:2)



### Biology 083

(Half of Biology 12)

Cellular Biology and Genetics

(2:1:2)

Biology 083 is a study of the chemical basis of life. This includes energy processes, metabolic control, cell division, and inheritance.

Biology 093 mainly involves the study of the structures and functions of human tissues and organ systems. Some important plant functions are also explored.

### Biology 093

(Half of Biology 12)

Physiology and Anatomy

(2:1:2)

Biology 083 and 093 are directed towards those students who are interested in a more detailed study of organisms, especially human organisms, at the cell and organ level. The courses emphasize laboratory work.

Chemistry 061 and 071 and/or Biology 061 and 071 or their equivalents are recommended as background for Biology 083 and 093. Students completing either Biology 061 and 071 or Biology 083 and 093 may obtain transfer credit for Biology 11. All four courses give credit for Biology 11 and Biology 12. It must be understood that Biology 083 and 093 are more difficult than Biology 061 and 071.

Biology 083 and 093 can be taken together or in either order; however, it is suggested that Biology 083 be taken first.

### Chemistry 061 and 071

(Chemistry 11)

This is a general introduction to fundamental concepts and nomenclature. Topics include: Stoichiometry and chemical calculations, atomic structure and the periodic table, the chemical bond, properties of gases and solutions, properties of acids and bases, and a brief introduction to organic and nuclear chemistry.

Prerequisite: Mathematics 061, or its equivalent, must be taken either before or concurrent with Chemistry 061.

Chemistry 061 and 071 may be taken concurrently.

(2:1:2)

### Chemistry 083

(Half of Chemistry 12)

This is a study of atomic structure and chemical periodicity, the chemical bond, inter-molecular forces, molecular structure and reactivity, energy and chemical reactions.

Prerequisite: Chemistry 071 or its equivalent.

(2:1:2)

### Chemistry 093

(Half of Chemistry 12)

This is a study of chemical kinetics, chemical equilibrium, properties of acids and bases, oxidation and reduction reactions, electrochemistry and the chemistry of the halogens.

Prerequisite: Chemistry 071 or its equivalent.

(2:1:2)

Chemistry 083 and Chemistry 093 can be taken together or in either order; however, it is recommended that Chemistry 083 be taken first.

### Geology 095

(Half of Geology 12)

This course is an introduction to the study of the Earth's processes - volcanism, earthquakes, continental drift, plate tectonics, and much more. Also included is an introduction to minerals, where they are found, their economic importance and mining. Field trips to mines, museums and special outcrop areas are arranged as frequently as weather and time allow.

(2:1:2)

It is recommended that students enrol concurrently in Geography 094. For Geology 12 credit, completion of Geography 094 and Geology 095 is required.

### Physics 061 and 071

(Physics 11)

This is an introductory physics course designed to acquaint students with fundamental principles and experimental laws in classical and modern physics.

Physics 061 (classical physics) topics include: measurement, mechanics and heat.

(2:1:2)

Physics 071 (modern physics) topics include: electromagnetism, light, atomic and nuclear physics.

(2:1:2)

Physics 061 and 071 can be taken together or in either order.

Prerequisite: Mathematics 061, or its equivalent, must be taken either before or concurrent with Physics 061 or Physics 071.

### Physics 083

(Half of Physics 12)

This is an intermediate course in mechanics, dynamics and heat.

Prerequisites: Physics 061 and 071, and Mathematics 061 and 071 or their equivalents.

(2:1:2)

### Physics 093

(Half of Physics 12)

This is an intermediate course in electricity, magnetism, light atomic structure and nuclear physics.

Prerequisites: Physics 061 and 071, and Mathematics 061 and 071 or their equivalents.

(2:1:2)

Physics 083 and Physics 093 can be taken together or in either order.



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## SOCIAL SCIENCES

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English 051 or its equivalent is the Prerequisite for all Social Science courses.

### ECONOMICS

Every individual and every society lives in an 'economic' world, a world in which people can't have everything they want. Each person, business, and society must choose between one thing or another, what is wanted more than something else, must decide what to use up and what to save, what to do and what to make, and what to trade for what. Economics is the study of how people of every society organize a system by which they can produce and distribute the goods and services desired.

**Note:** Economics 094, 095 may be taken concurrently.

#### Economics 094

(Economics 11 — half)

##### THE ECONOMIC FABRIC OF SOCIETY

In this introductory course, the economic fabric of society is examined to develop understanding of some basic economic concepts. A historical approach is used to develop several major strands of the 'economic fabric': 'The Economic Problem of Every Society' ('Happiness is Different Things to Different People' or 'How People Get What They Want'); 'The Emergence of the Market Society'; 'The Economic Impact of the Industrial Revolution'; 'Ups and Downs — The Great Depression'; 'Different Systems of Economic Organization — Comparative Economic Systems'. (4:1:0)

#### Economics 095

(Economics 11 — half)

##### CANADIAN ECONOMIC SOCIETY

This course focuses on the Canadian Economy in operation. Some basic economic concepts are developed by examining and analyzing current Canadian economic problems and situations.

Some major themes to be examined are: 'Production, Income, and Employment'; 'Prices and Markets'; 'Inflation'; 'Distribution'; 'Is Big Brother Just Watching?' (Government's Role in the Economy). (4:1:0)

### Geography

Geography aims at developing understanding about the characteristics of places on the earth; in this way it is concerned with the spatial arrangements and associations of phenomena (things and events) that distinguish one place from another and also with the connections and movements between places. The face of the earth is made up of many different kinds of features. All are results of ongoing processes or sequences of changes. The physical, natural processes changing the face of the earth are examined in PHYSICAL GEOGRAPHY. The

face of the earth is also transformed through the various human activities, so that economic, social, political processes are examined systematically in some forms of HUMAN GEOGRAPHY.

**Note:** Geography 094, 095, 098 may be taken in any order or concurrently.

#### Geography 094

Physical Geography (Geography 12 — half)

An analysis of the physical, natural processes which shape the physical environment we live in. Emphasis will be placed on the atmospheric environment (weather and climate), bio-geography (soils and vegetation), geomorphology (landforms and landform changes).

(4:1:0)

#### Geography 095

Human Geography (Geography 12 — half)

This course examines how human activities bring about a changing face of the earth. Emphasis will be placed on the spatial perception and organization of our world and how different components of human culture relate to interactions with the environment. (4:1:0)

#### Geography 098

Urban Geography (Geography 12 — half)

A geographic approach is used to examine certain aspects of an increasingly urbanized world. Some of the topics included are: "What is the 'City'?" "City Origins"; "The Character of Cities"; "The City People"; "All is not well" (Urban problems); "Dividing the Pie" (Urban Policy and Planning). The urban setting of Vancouver will serve as a course learning environment. (4:1:0)

### History

History as a discipline deals with the interpretations, the creation of pictures, and the construction of patterns, out of remembered and recorded events and things of past times and various places.

**Note:** History 094, 095, 098 may be taken in any order or concurrently.

#### History 094

(History 12 — half)

A study of the origins of the modern world from the American, French, and Industrial Revolutions to 1900. The course focuses on the great political, social, and economic changes that led to the development of rationalism, democracy, imperialism, the beginnings of socialism, and the emergence of the modern industrial society. (4:1:0)

#### History 095

(History 12 — half)

A study of the history of the 20th Century. Beginning with World War I and the Russian Revolution, the growth of fascism and communism are examined. The course also deals with World War II, aspects of diplomacy and Cold War politics, the emergence of the Third World, and significance and role of the United Nations. (4:1:0)



## History 098

(History 12 — half)

### THE ORIENTAL HERITAGE AND ASIA TODAY

A historical study of the oriental cultural heritage (religions, social traditions, values), especially the contributions of China and India. Also, some events of the history of modern India, China and Japan are examined. (4:1:0)

Although History 094, 095, and 098 may be taken concurrently, the student is encouraged to enrol in History 094 first.

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## COMMUNICATIONS ARTS DIVISION

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### *English Language Training*

#### **Beginner, Intermediate, Advanced Levels**

##### **Purpose**

These programs are designed for those who wish to learn English as a second or additional language.

##### **Course Content**

Understanding, speaking, reading and writing.

The phonetic system (sounds, stress, intonation, and rhythm), the grammatical system (word order and sentence patterns of English) and vocabulary are taught in the appropriate sequence and according to level of difficulty. Materials are oriented around the individual, family, community, city, province and nation. Topics range from "Creative Job Search" to citizenship.

The program includes practice in understanding directions, orders, general and specific conversations, public speakers, television, films, telephone messages, radio newscasts, etc.

Students are taught to read signs, directions, instructions and to recognize patterns that they have learned orally. There is specially graded reading material available for assessing and improving one's reading level. Students also are taught spelling, sentence construction, and paragraph and letter writing. Time is allotted for learning how to complete application forms for employment, medical plans, hospital insurance, etc.

##### **Length of Program and Enrolment**

###### **a) MANPOWER-SPONSORED STUDENTS**

The monthly program lasts up to 20 weeks, six hours a day. There is a monthly intake as space permits. Contact your local Canada Manpower office re your eligibility.

###### **b) FEE-PAYING STUDENTS.**

Come to 2750 Oak Street, between the hours of 12:00 noon to 2:30 pm. Monday to Friday, or from 5:00 to 7:30 pm. Monday to Thursday evenings. Telephone 731-4614 Monday to Thursday, 9:00 am. to 8 pm. Fridays, 9:00 am. to 4:00 pm.

The fee-paying programs include:

1. King Edward Campus, morning, afternoon and evening classes for those who know no English at all to advanced students. A variety of skill building courses are also available for students who need remedial and special help.
2. Improve Your Pronunciation—offered at King Edward Campus during both days and evenings. This course is intended for Intermediate and Advanced level students.



3. Night School Extension classes offered at Vancouver Technical, John Oliver and King George Secondary Schools, either two or four nights a week.
4. School Canadiana, at 500 East Pender Street, classes for Chinese-speaking adults, either in the day or the evening.
5. Neighbourhood English Classes, offered at various elementary schools and community centres, two classes per week, two hours per class. This program is designed primarily for mothers and for older immigrants.

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## MUSIC

### *Career Training In Music*

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#### **Music Programme**

The two-year Music Diploma Programme is designed to;

- (a) provide professional training for potential and practicing musicians.
- (b) provide necessary courses of instruction for performance-oriented students who may wish to pursue their studies at a more advanced level following the completion of the college program.
- (c) make available to talented music students, with or without a strong academic background, advanced courses of study with an emphasis on performance.
- (d) provide specialized training in individual courses for part-time students (space permitting).

For young post-secondary students who have not yet decided on a specialized career training program the course is designed, with maximum flexibility, to give students opportunities to choose alternative courses of study at any time during the two-year program. Members of the faculty include some of Canada's best-known musicians. They bring to the students professional training combined with years of professional experience. They assist students in becoming involved in the professional music community. Students are encouraged to participate in public and educational performances.

#### **Spring Festival of Music**

In addition to the regular weekly performances by students and faculty, the College presents an annual Spring Festival of Music in April. This Festival provides a public showcase for both students and faculty at the end of each academic year.

You can obtain more detailed information about the Music Programme from the Music Department's brochure. This can be obtained by writing to the Music Department, King Edward Campus or by telephoning 731-3017.

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## ADMINISTRATORS

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Monash, L. B.	Principal
Brown, J. D.	Dean of Administrative & Student Services
Cunningham, R. F.	Dean of Instruction

## DIVISION CHAIRMEN

Casey, E. C.	Training and Development Division
Fussell, R.	College Foundations Division
Meyer, R.	Communications Arts Division

## COUNSELLORS

Fornelli, F.	Chairman
Greenall, D.	
Herridge, E. L.	
Husband, J. D. T.	
Nelson, G.	
Neville, D.	

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## FACULTY

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- Code:   ● Department Head  
           ■ Assistant Department Head  
           ▲ Coordinator

Andersen, C.	English Language Training
Anderson, M.	English Language Training
Anderson, T.	BJRT, Learning Centre
Andrews, A.	Canadian Viewpoints, History
Antonelli, V.	Reading & Study Skills, Writing Skills
Armstrong, G.	Basic Education
Aspinall, J.	English Language Training
Ballin, P.	Biology
Banks, Janice	Basic Training for Skill Development
Banks, Joanne	Basic Training for Skill Development
Barbour, R.	English Language Training
Behnke, R.	Mathematics
● Behnke, W.	Social Sciences
Benetti, J.	English Language Training
Benincasa, T.	English Language Training
Bennett, M.	English 099



- ▲Bigsby, K.  
●Bottlinger, W.  
Bovee, B.  
■Bowers, B.  
Brockett, B.  
■Brown, D.  
Brown, M.  
Bruce, P.  
Burn, P.  
  
Callon, C.  
●Cameron, B.  
Caulfield, B.  
Chan-Henry, E.  
Cheung, S.  
Collins, N.  
Cunningham, H.  
  
Daken, C.  
Davenport, K.  
DeLost, J.  
Dion, J.  
Dooley, N.  
Dosanjh, R.  
Dykstra, C.  
  
Engineer, S.  
●Epp, M. A.  
Epstein, R.  
Essig, J.  
Evans, G.  
Evans, S.  
  
Fast, M.  
Findlay, A.  
▲Flack, G.  
Freed, A.  
Funk, J.  
  
Gaitanakis, J.  
Gardiner, E.  
Giacomelli, E.  
Gibbard, R.  
Gibson, D.  
Gibson, J.  
▲Godfrey, J.  
Gordon, G.  
Gould, L.  
Gracey, K.  
Grant, S.  
Gray, K.  
Griffith, J.  
  
Basic Training for Skill Development  
Programs on Deafness  
English Language Training  
English Language Training  
English Language Training  
English Language Training  
Basic Training for Skill Development  
Canadian Viewpoints, English  
English Language Training  
  
Librarian  
Basic Education  
English Language Training  
Chemistry  
English Language Training  
English Language Training  
English Language Training  
  
Voc Assessment for Handicapped  
Bookkeeping, Typing  
Basic Education  
English Language Training  
English Language Training  
English Language Training  
English Language Training  
  
History  
Library  
English Language Training  
English Pronunciation  
English Language Training  
English Language Training  
  
English Language Training  
English Language Training  
English Language Training  
English Language Training  
Biology  
  
English Language Training  
English 099  
English Language Training  
Basic Training for Skill Development  
English Language Training  
English Language Training  
English Language Training  
English Language Training  
Basic Education  
English Language Training  
Mathematics  
English Language Training  
Consumer Law, Consumer Finance

- Hanscom, M.  
Hillier, C.  
Ho, J.  
Hole, B.  
Hougham, E.  
Hsu, C.L.  
Hutchings, W.  
Hwang, M.  
  
Jackson, D.  
Jibodh, C.  
Johal, B.  
Johnson, B.  
Johnson, W.  
Johnstone, J.  
Jones, D.  
  
Kellett, M.  
●Kellough, C.  
Kelly G.  
▲Kennedy, P.  
Khosla, V.  
●Kirby, L.  
  
Laylin, J.  
Lear, P.  
Leroux, R.  
Ling, S.  
Little, B.  
Little, M.  
●Littleboy, P.  
Lo, Y.  
Low, G.  
  
MacDonald, E.  
MacFarlane, J.  
MacKinlay, K.  
●MacLeod, E.  
MacNab, J.  
Maglaque, P.  
Malins, B.  
Malo, L.  
Marzo-Villa, V.  
McFeely, J.  
McGee, D.  
McIntosh, S.  
McLaren, G.  
McWhirter, A.  
Meyer, R.  
Milligan, L.  
Millway, C.  
  
English Language Training  
Basic Training for Skill Development  
English Language Training  
English Language Training  
Basic Training for Skill Development  
English Language Training  
English Language Training  
Mathematics  
  
English Language Training  
English Language Training  
Basic Training for Skill Development  
English Language Training  
Reading and Study Skill, Writing Skills  
Chemistry  
English Language Training  
  
English Language Training  
English  
Tutorial/Learning Centre  
English Language Training  
English Language Training  
Biology, Science  
  
English Language Training  
Basic Training for Skill Development  
English Language Training  
English Language Training  
Basic Training for Skill Development  
Basic Training for Skill Development  
Basic Training for Skill Development  
English Language Training  
English Language Training  
  
English Language Training  
English Language Training  
English Language Training  
Mathematics  
BTSD Outreach  
English, Basic Education  
English Language Training  
Economics, French  
English Language Training  
English Language Training  
English Language Training  
English Language Training  
English Language Training  
English Language Training  
Geography  
English Language Training  
English Language Training



- Morelli, N. English Language Training
- Morison, S. English Language Training
- Moroz, T. English Language Training
- Morris, J. Typing
  
- Nehring, J. English Language Training
- Nicholson, B. Business Education
- Nierobisch, C. English Language Training
- ▲ Norris, P. English Language Training
  
- Oastler, J. English Language Training
- Ofield, R. Programs on Deafness
- Olson, C. English Language Training
- Onstad, C. Basic Education
- ▲ Owen, S. Basic Training for Skill Development
- Owen, T. Biology
  
- Paone, D. English Language Training
- Parkinson, A. Mathematics
- Pawelchak, G. Physics
- Pederson, G. English Language Training
- Perkinson, J. English Language Training
- Petersen, T. English Language Training
- Placzek, J. English Language Training
- Plant, K. Basic Job Readiness Training
- Pletcher, A. English Language Training
- ▲ Pletcher, B. Reading & Study Skills, Writing Skills
- Porter, R. B.J.R.T. Outreach
- Powell, L. Basic Job Readiness Training
- Prosser, B. Basic Education
  
- Quinn, T. English Language Training
  
- Rand, D. Mathematics
- Reaburn, R. English Language Training
- Read, N. English Language Training
- Reid, G. Canadian Viewpoints, English, Music
- ▲ Richards, B. English 099
- Richardson, D. BTSD, Basic Education
- Richardson, M. English Language Training
- Rike, J. English
- Rix, E. Basic Education
- Roberts, N. English Language Training
- Rogers, L. English Language Training
- Russell, B. English Language Training
- Russell, P. English Language Training
- Ryckman, A. Basic Training for Skill Development
  
- Salzmann, H. English Language Training
- Sandborn, C. Basic Education

- Sawkins, M. English Language Training
- Scholefield, S. English Language Training
- ▲ Selman, M. English Language Training
- Sharpe, L. ~~KWAS, OLGA~~ Pharmacy Assistant
- Shaw, G. English, Canadian Viewpoints
- Simpson, G. Basic Training for Skill Development
- Sinclair, V. English Language Training
- Smith, D. English Language Training
- Soga, L. English Language Training
- Soltis, E. English Language Training
- ▲ Stusiak, A. English Language Training
- Szasz, M. Basic Education, English
  
- Tai, S. Basic Training for Skill Development
- Thom, B. Basic Job Readiness Training, Outreach
- Thomas, J. Basic Training for Skill Development
- Thomas, L-L. Music
- Thompson, D. English, Canadian Viewpoints
- Thompson, M. English Language Training
- Thomson, L. English Language Training
- Tobber, N. Geology
- Tsang, E. Physics
- Tyler, S. English Language Training
- ▲ Turpin, H. Vocational Planning and Work Readiness
  
- Verbeek, I. English Language Training
  
- Waddington, M. Basic Education
- Watson, B. English Language Training
- Watson, R. English 099
- Whalley, T. English Language Training
- Williams, E. English Language Training
- Wilson, B. Basic Training for Skill Development
- Wilson, W. Mathematics
- ▲ Winckler, E. Community and Family Aide
- Wolverton, P. Employment Orientation for Women
- Wright, B. English Language Training
- Wu, J. English Language Training
  
- Yeung, K. English Language Training
- Yildiz, N. English Language Training
- Yip, A. English Language Training
- Yip, M. English Language Training
- Yip, P. Basic Training for Skill Development
- Yoneda, S. English Language Training
- Young, M. English Language Training



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## PROGRAM ASSISTANTS

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Alton, S.	Business Education, English, Social Sciences
Burnett, J.	Employment Orientation for Women
Donaldson, W.	English Language Training
Griffin, G.	Basic Job Readiness Training
Green, B.	Programs on Deafness
Hunter, B.	Programs on Deafness
Mohabir, J.	Science
Neilsen, A.	Programs on Deafness
Smith, T.	Music
Sutherland, J.	Audio Visual
Williams, S.	English Language Training

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## SUPPORT STAFF

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Baker, S.	Receiver
Butler, P.	Library
Campbell, K.	Library
Chalmers, G.	Duplicating
Chichak, V.	Student Records
Girvan, S.	Student Records
Griffith, M.	Assistant Office Manager
Hemphill, S.	Principal's Secretary
Lambert, J.	Library
Lowe, C.	Duplicating
Martin, P.	Payroll Records
Moutter, D.	Office Manager
Moxie, R.	Student Records
Murdock, L.	Cashier
Oliver, S.	Division Chairmen's Secretary
Pavey, K.	Counselling
Puchach, D.	Library
Qureshi, K.	General Files
Ramsay, M.	Switchboard
Sharma, A.	Switchboard
Shelly, R.	Administrative Clerk
Slatter, Hilary	Division Chairmen's Secretary
Spencer, B.	Counselling
Waechter, F.	Cashier
Wilson, L.	Mail Clerk

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## Music Faculty:

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### Full-time:

Domer, J.	Department Head, Oboe, Conducting, Wind Ensemble
Callon, J.	Theory, Composition
Hamm, J.	Voice, Vocal Repertoire, Lyric Diction
Robbins, D. T.	Jazz and Commercial Music, Trombone

### Part-time and Sessional:

Barnett, S.	Trumpet
Bruce, P.	English
Butler, B.	Trumpet
Clausen, B.	Guitar
Crossland, H.	Flute
Docherty, I.	Music Journalism
Domer, J.	History
Dorenfeld, J.	Popular Voice
Douglas, P.	Flute
Ehling, M.	Piano, Class Piano
G'Froerer, B.	French Horn, Ensemble Coach
Hampton, I.	Cello
Hazlitt, T.	Electric Bass
Knispel, D.	Percussion, Rhythm Studies
MacPherson, F.	Saxophone
Meyer, R.	Double Bass
Miller, D.	Tuba
Pauk, A.	New Music Ensemble
Sinkewitz, I.	Saxophone
Stafford, R.	Guitar
Stenson, H.	History, Music in Canada, Coach
Sneddon, C.	Improvisation, Piano, Trumpet
Thomas, L-L.	Piano
Washburn, J.	Choir, Vocal Musicianship, Early Music
Young, A.	Vocal Musicianship

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## GENERAL EDUCATION DEVELOPMENT (G.E.D.) TESTING

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King Edward Campus has been designated as the Vancouver G.E.D. testing centre. You may prepare for these tests by enrolling in certain Foundations courses. For more information contact one of our counsellors.