

THE COLLEGE OF NEW CALEDONIA / 1974/1975

## A COMPREHENSIVE COMMUNITY COLLEGE

The College Of New Caledonia is one of nine Community Colleges in B.C., and is part of the provincial system of post-secondary education.

It serves primarily the five school districts that comprise the College Region: School Districts 28 (Quesnel), 54 (Smithers), 55 (Burns Lake), 56 (Vanderhoof), and 57 (Prince George). In addition, many students from Northern and North Western B.C. and from the Yukon attend the College.

As a comprehensive, community educational facility, the College offers a varied program to the communities it serves:

A two year academic program of studies for transfer to third year university.

One and two year Technical Programs

B.C.I.T. transfer programs

Pre-apprentice programs

Vocational programs

General Studies programs

## PRINCIPAL'S STATEMENT

The College of New Caledonia is a comprehensive Community College offering courses and programs in the following areas: Arts and Science, Technical and Vocational. It provides first and second year University equivalence, one and two year technical programs, vocational programs of varying lengths, together with an extensive extension or community services program.

Students of all ages and backgrounds are welcome at CNC, where the emphasis is on excellent teaching, not on research. Highly qualified faculty members, selected because of their formal and practical educational experiences, provide students with individual attention and unique opportunities to learn.

The governing body of the College, the College Council, together with students, faculty and staff, cooperate closely in the everyday activities and long-range planning of the institution. The various supporting school boards, advisory and articulation committees also make significant contributions to CNC.

In September, 1974, the College will begin its sixth year of operation. As in the past, the emphasis at CNC will be on "open doors", small classes, close instructor-student relationships, and a concern for persons as individuals.

Students will find a warm welcome at the College of New Caledonia — a community of learners.

F. J. Speckeen,  
Principal



## THE HISTORY OF NEW CALEDONIA

Simon Fraser founded Fort St. James as a trading post for the Northwest Company in 1806. The post was a thriving centre of commerce in the days when buffalo herds still covered the plains, and there was not a city or town on the western half of the continent north of Mexico. It was the seat of administration for the vast area which Fraser named New Caledonia, and as such was the western capital for the area lying between the Rocky Mountains and the Coast Range and extending from about 51°N to 57°N.

## COLLEGE GOVERNMENT

The College Council is the governing body of the College of New Caledonia. It consists of members appointed by the Lieutenant-Governor in Council, and members appointed by the five participating School Boards.

The College Principal is solely responsible for the operation of the College. The Principal receives information and recommendations from a variety of College Committees which include members of the student body, faculty, and administration. Technical and Vocational programs each have an advisory committee of interested and knowledgeable members of the community and College personnel.

## COLLEGE COUNCIL

- MR. T. CLOKE – BURNS LAKE
- MRS. R. B. HAGGARTY – BURNS LAKE
- MR. R. AFFLECK – PRINCE GEORGE
- MR. T. MOGENSEN – PRINCE GEORGE
- MR. J. GUTHRIE – PRINCE GEORGE
- MR. C. DUPERRAULT – QUESNEL
- MRS. N. RANDALL – QUESNEL
- MR. W. BRYANT – SMITHERS
- MRS. M. KNOERR – SMITHERS
- MR. F. DINGWALL – VANDERHOOF
- MR. L. DENTER – SECRETARY-TREASURER  
AND BURSAR
- DR. F. J. SPECKEEN – EX-OFFICIO, PRINCIPAL

## HISTORY

In 1963 the Northern Interior Branch of the British Columbia School Trustees Association established a Regional College Committee, which recommended the establishment of a two year Community College at Prince George to serve the North Central Interior.

In 1967 a plebiscite to form a College Region was approved by the electors in School Districts 54, 55, 56, 57, and 58 – School District 58 (McBride) has since amalgamated with School District 57 (Prince George). In 1968 the electorate in School District 28 (Quesnel) voted in favor of joining the College Region.

The Council of the College of New Caledonia was formed in 1968, and agreed that the College should offer a program of academic and technical courses, and the College opened on 15 September, 1969 using the facilities of the Prince George Senior Secondary School.

On 9 July, 1971, the existing College amalgamated with the B.C. Vocational School (Prince George), and the College of New Caledonia, College, Technical and Vocational Institute was created. In September, 1971 the College reopened on the former B.C. Vocational School site as an amalgamated institution offering a variety of University Transfer, Technical and Vocational programs.

A temporary building that had been located beside the Prince George Senior Secondary School was moved to the present campus in the Fall of 1971 where it became the Quesnel Building. In late 1972 the Smithers Building complex was completed and the library which to that date had been located on the mezzanine floor of the Prince George Senior Secondary was relocated in this new building.

The College recently received notification that the province was prepared to spend in excess of nine million dollars to construct additional facilities on the campus.

Presently under construction are a new Food Services facility, Library, Gymnasium/Recreation complex, and Classroom and Lab facilities. It is anticipated that part of the new facilities will be opened during the 1974/5 academic year with the balance being completed during the 1975/6 academic year.

The new buildings will provide much needed space for existing programs, and will allow for the development of new programs.

It is anticipated that a variety of new courses in the hospitality industry, in particular the food services field together with other technical and vocational programs will be offered once the new facilities have been completed.



## VOCATIONAL PROGRAMS

### ADMISSION PROCEDURES

Apply to the Student Services Office for an application form. Complete the application form in detail and return it to the College, together with the required documents by June 1 for programs commencing in September. Applications for programs starting at other times should be received at least one month prior to the first day of classes.

Successful applicants will be notified by mail of their admission to the College. Detailed registration information including the date and time for registration will be included with the notice of admission.

### REGISTRATION

Students must register on the date and at the time specified on their notice of admission. Failure to register at the specified time may result in another applicant being offered admission to the program.

**Note** Canada Manpower purchases spaces in most vocational programs. Before applying for admission as a fee paying student check with your local Canada Manpower Office to determine your eligibility for sponsorship by Canada Manpower.

**FEES** – (all vocational students must pay a \$1 registration fee at time of registration. Fees must be paid in advance).

#### Tuition

Pre-employment courses \$15.00 per month.

Pre-apprenticeship courses

**NIL** – Tuition is free and a subsistence allowance is paid to students while they attend school. In addition a transportation allowance of one return trip is available for out of town students.

#### Welding Upgrade:

Test materials and two days training	\$12.00
Test fee	3.00
Additional training: per day	3.00
per week	12.00
per month	40.00

**Textbook Rental** (where applicable) 10.00

**Tool Deposit** (where applicable) 10.00

**Payment of Fees:** Fees are due and payable at the time of registration. Students unable to pay their first month's fee at the time of registration may be required to forfeit their space in the class.

### RECOMMENDED SECONDARY SCHOOL COURSES

<b>Automotive Mechanical Repair</b>	Grade 12 graduation preferred Grade 10 minimum. Industrial courses preferred.
<b>Commercial Programs</b>	Grade 10 minimum, Grade 12 preferred
<b>Dental Assistant</b>	Grade 12. Biology 11 recommended
<b>General Drafting</b>	Grade 12. Preference is given to applicants with Drafting 11 and 12.
<b>Heavy Duty Mechanics</b>	Grade 12 preferred with industrial courses, Grade 10 minimum.
<b>Practical Nursing</b>	Grade 12. Biology 11 recommended. Candy Striper or other hospital experience an asset.
<b>Small Engine Repair</b>	Grade 12 with industrial courses preferred. Grade 10 minimum.
<b>Welding</b>	Grade 12 with industrial courses. Grade 10 minimum.

### ACADEMIC INFORMATION

**Attendance:** Attendance each day is compulsory. Students who fail to attend without cause may be required to withdraw.

**College Certificate:** A C.N.C. certificate is awarded to students who satisfactorily complete a College Vocational program of at least 16 weeks, provided they complete the program to the satisfaction of the Dean of the program.

**Evaluation:** To ensure maximum involvement of the student in the learning process, C.N.C. follows a policy of **continuous evaluation**. Formal reports are prepared on students at least twice during their program, and at the completion of the program.

**Withdrawal:** Students who wish to withdraw from a program must complete the withdrawal form available from the Student Services Office. Refunds due will not be released until the student has completed the withdrawal form.



### AUTOMOTIVE MECHANICAL REPAIR

A Pre-Apprentice Course In A Designated Trade Sponsored by The Apprenticeship and Industrial Training Branch Department of Labour.

This course is intended to prepare young people for employment as apprentices in the Automotive Mechanical Repair Trade.

The employment situation is normally indoors and may be anywhere from a small repair shop or service station doing general mechanical repairs, to the complex service department of a large automobile dealership.

In many cases the work involves direct contact with the public where courtesy, cooperation and at times the ability to accept criticism is important.

#### Course Content:

- General shop practice
- Automotive fundamentals
- Engines-air and liquid cooled
- Basic test equipment
- Electrical systems
- Running gear, clutches
- Transmissions, anti-spin and conventional rear axles
- Steering systems and braking systems
- Emission control systems
- Safety education

**Starting Dates:** January

**Length of Course:** 5½ months

**College Credit:** 22 semester hours

#### Requirements for Admission

**Education:** Grade 12 preferred  
Grade 10 minimum or a suitable level to meet the requirements of this program.

**General:**  
Good health  
Non-allergic to solvents and lubricants  
Mechanical aptitude  
16 years of age and over

### BASIC TRAINING FOR SKILL DEVELOPMENT

This program has been designed to upgrade individuals academically in as short a period of time as possible to enable them to qualify for employment or for enrolment in specific College programs.

There are three main areas of study:

Communications, Applied Mathematics, Basic Science

The program offers training at three levels:

- a) up to grade 8 equivalency.
- b) up to grade 10 vocational equivalency.
- c) up to grade 12 vocational equivalency

#### Requirements for Admission

**Education:** Applicants must have a functional ability in reading and writing.

**General:** Applicants must have been away from the public school system for a period of at least one year. They must be capable of concentrated, independent study.

**Commencement dates:** Monthly as space permits.

**Length of Course:** Varies to suit individual needs.

**College Credit:** This program carries no credit toward a College diploma.

## COMMERCIAL PROGRAMS

A variety of commercial options are available to students which lead to certificates in:

Clerical Skills  
Stenography  
Secretarial Skills  
Junior Bookkeeping  
Intermediate Bookkeeping  
Accounting

Regardless of the option selected, all students enrolling in a commercial program for the first time must complete an introductory program which normally takes two months of fulltime study, prior to concentrating on a specific area of training and completing the requirements for one of the above certificates.

Minimum standards and course requirements for completion of a CNC certificate are indicated in following chart.

### Admission Requirements:

Grade 10 required. Students with a higher standing will be given priority.

**Length of Programs:** Variable, up to 10 months.

**Commencement Dates:** Every second month, commencing in April.

**College Credit:** 18 semester hours of credit are awarded for each 4 months of study, other time periods of study are pro-rated for credit purposes.

## CNC COMMERCIAL PROGRAMS

	CLERICAL	STENOGRAPHIC	SECRETARIAL	JUNIOR BOOKKEEPING	INTERMEDIATE BOOKKEEPING	ACCOUNTING
Typing	40	50	55	30	30	30
Dictaphone Shorthand	wpm Op.	wpm X 80	wpm X 100	wpm Op.	wpm Op.	wpm
English	X	X	X	X	X	X
Filing	X	X	X	X	X	X
Office Procedures	X	X	X	X	X	X
Business Arithmetic	X	X	X	X	X	X
Business Machines	X	X	X	X	X	X
Accounting Machine				Op.	X	X
Posting Machines				Op.	X	X
Basic Bookkeeping	X	X	X	X	X	X
Junior Bookkeeping				X	X	X
Intermediate Bookkeeping					X	X
Accounting						X
Commercial Law						X
Report Writing						X
Business Mathematics						X
Data Processing						X
Key Punch				Op.	Op.	Op.

## GENERAL DRAFTING

The purpose of this program is to prepare persons for employment with companies engaged in architectural, structural, civil or mechanical drafting.

The students are taught basic drafting techniques, applied mathematics and technology, mechanical drafting, and architectural and structural drafting.

The draftsman is the link between the engineer or designer, who works out ideas, and the craftsman who will do the fabricating or building. When preliminary plans are approved they are passed to the draftsman for development of working drawings.

Graduates of this course normally commence employment as junior draftsmen. On the job experience will eventually lead to more responsible work, and the extensive technical knowledge gained in drafting may, with additional training, lead to positions in engineering, designing, sales, or administration.

### Requirements for Admission:

**Education:** Grade 12 graduation. Preference is given to those who have completed Drafting 11 and 12 in their Secondary School Program.

**General:** Applicants must have good eye-sight and hand-eye coordination, an analytical mind, creative ability, and patience to give undivided attention to detail.

**Commencement Date:** September

**Length of Course:** 10 months

**College Credit:** 45 semester hours.

## DENTAL ASSISTANT

The dental assistant program consists of co-ordinated lectures, clinical and dental office experience. The area of studies includes instruction in dental anatomy, physiology, pharmacology and bacteriology. Emphasis is placed on operative, laboratory and radiographic principles and techniques. A twenty-four hour St. John's First Aid program is included as a night school class.

B.C. Certification may be acquired by writing the College of Dental Surgeons' of B.C. certification examination.

Young people with initiative and a sense of responsibility will find a satisfying career as a dental assistant.

Graduates may find employment in dental practices, public health services, dental clinics and related services.

Successful applicants must have a medical examination prior to commencement of the program.

### Requirements for Admission:

**Education:** Grade 12; Biology 11 and Chemistry 11 preferred.

**General:** Dental Office experience would be an advantage.

**Commencement Dates:** September. Application deadline June 1.

**Length of Course:** 10 months.

**College Credit:** 45 semester hours.

**Expenses:** Text books, safety glasses, uniforms, shoes and supplies approx. \$135.



## HEAVY DUTY MECHANICS

A Pre-Apprentice Course in a Designated Trade  
Sponsored by  
The Apprenticeship and Industrial Training Branch,  
Department of Labour.

This program is intended to prepare young men for employment as apprentices in the Heavy Duty Mechanics Trade.

The training covers repair and maintenance on heavy equipment of both the wheeled and track variety.

### Course Content:

- Fundamentals of gas and diesel engines
- Fuel systems
- Lubrication systems
- Cooling systems
- Electrical systems
- Brake systems
- Clutches
- Transmission and drive mechanisms
- Running gear
- Engine disassembly and inspection
- Overhaul procedures
- Rebuilding

### Starting Dates:

October —  
April —

**Length of Course:** 6 months

**College Credit:** 22 Semester hours

### Requirements for Admission:

**Education:** Grade 12 preferred  
Grade 10 minimum

**General:** Good Health  
Non allergic to solvents and lubricants  
Mechanical aptitude  
16 years of age and over

## HEAVY EQUIPMENT OPERATOR

Students learn to operate bulldozers and various other machines including graders, front end loaders, and motor scrapers. Routine maintenance of machinery and the practical field operations of excavating, land clearing, grading and road building are included. In addition, two evenings per week are devoted to courses on basic welding and air-brakes. This enables a student to secure the theory requirement for the Department of Transport Air Ticket.

### Requirements for Admission:

**Education:** This course requires no special educational standing as a prerequisite. It would be to the applicant's advantage, both on course and in securing employment, to have completed Grade ten.

**General:** Applicants must be a minimum of 19 years of age, physically suitable and able to adapt to rugged working conditions. Persons with some previous industrial experience are preferred.

**Length of Course:** 16 weeks

**College Credit:** 18 semester hours

**Dress:** The student must have safety footwear and clothing suitable for the work involved and weather conditions at the time of training. Coveralls and safety hat are available on a loan basis.

## LOGGING

A six week pre-employment instructional program on Central Interior logging methods.

Training is given at a field logging site where instruction includes:

- Woods Safety
- Workmens Compensation Regulations
- Identification and Sorting of Wood Species
- Fire Protection and Suppression
- Operation and Maintenance of —
  - Power Saws
  - Skidders
  - Front-end Loaders

Graduates may find employment as chokermen, buckers, fallers, skidder or loader operators.

### Requirements for Admission:

- physically suited for working in the woods.
- literate in English.
- over seventeen years of age.

Students must provide work clothing suitable for the weather conditions at the time of training.

Safety hat, rubber caulk boots, snowshoes and textbooks can be provided on a loan basis as required.

**Commencement:** Weekly as space permits.

**Length:** Six weeks.



## PRACTICAL NURSING

This program is designed to train women to provide nursing care to patients in hospitals, institutions or homes, under the supervision of registered nurses or physicians.

Students attend classes at the College for three months and are then placed in the local hospital for clinical training. The College provides theory, demonstration and supervised practice and laboratory instruction, while the hospital provides clinical training under supervision in various nursing-care situations such as medical-surgical, geriatrics, pediatrics and obstetrics.

Students are given instruction in the physiological and the psychological growth and development of the individual in health and in disease. A thorough knowledge of the duties of the practical nurse is given, and special emphasis is placed on the development of the personal attitudes and skills needed for this responsible and rewarding vocation.

### Requirements for Admission:

**Education:** Grade 10 minimum, or mature student status. Biology 11 and Chemistry 11 preferred.

**General:** Applicants must be at least 18 years of age, possess a sincere desire to nurse and have the personal qualities suited to the work of a practical nurse.

Successful applicants must submit their medical examination and have the required immunization completed before commencing this program.

### Application:

Because of the high interest and large number of applicants for this program it is necessary to screen applicants to select each class. Application forms must be submitted to the College at least two months prior to the commencement of classes. These applications are reviewed and a selected number of applicants are invited to meet the selection committee. From the applicants interviewed by the committee a class is selected.

**Commencement Dates:** September, January, April

**Length of Course:** 10 months

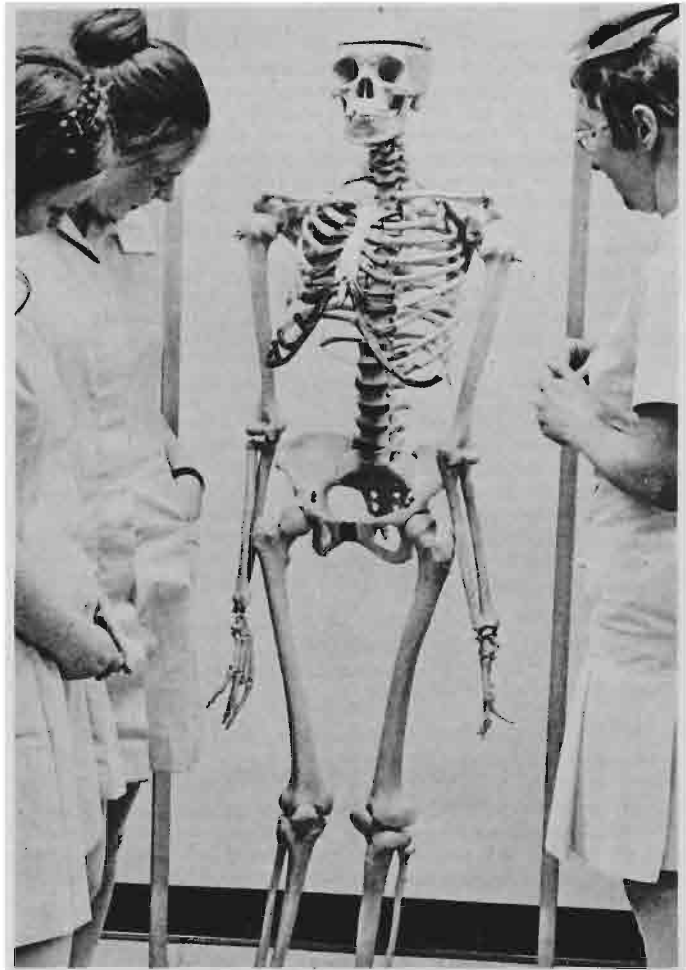
**College Credit:** 45 Semester hours

**Dress:** Uniforms are supplied. Students must supply white shoes and stockings and a sweep second hand watch.

## SMALL ENGINE REPAIR

This program teaches the mechanical knowledge required, and the techniques employed, to repair small air and liquid cooled engines which are used to power boats, lawn mowers, chainsaws, motorcycles, and snowmobiles.

Instruction is given in all mechanical aspects of 2 and 4-cycle engines, trouble-shooting techniques, and repair methods. Skill is developed through practical training. A graduate of this program will have gained sufficient knowledge and mechanical training to overhaul and repair small engines; with emphasis on safe working methods and accident prevention. A portion of the course is devoted to business management, bookkeeping and customer relations.



Employment opportunities may be found with dealers of out-board motors, motor cycle shops, lawn mower maintenance shops, and logging companies who employ power saw mechanics on location.

### Requirements for Admission:

**Education:** Grade 12 graduation with Industrial and Mechanical courses preferred. Grade 10 minimum.

**Commencement Dates:** September, January

**Length of Course:** 5 months

**College Credit:** 19 Semester hours



## WELDING

Welding is an industrial art in a highly competitive field. It requires constant physical co-ordination of arms, hands, eye and brain and the welder develops manipulative skills through manual training. Basic metallurgy, heat treatment, blueprint reading, plate and pipe layout, applied mathematics and principles of safety education are taught and various welding procedures are applied to different types of metal. A graduate of this program will have gained sufficient practical experience and related theory to take a welding test under the A.S.M.E. sec. IX, C.S.A.-W-47, or A.W.S. Codes. These are recognized standards of qualification acceptable to industry.

The welding trade is universal in its application. Construction welding appeals to certain men due to the variety of working locations, while other welders prefer to remain in the industrial centres, where employment opportunities occur in practically every mechanical or metal trade.

Due to technological developments, welding equipment and techniques are constantly changing, thus a welder, though employed, should constantly strive to update his skills.

### Requirements for Admission:

**Education:** Grade 12 graduation with Industrial and Mechanical courses preferred. Grade 10 minimum.

**General:** Applicants must be free from defective vision, hearing, respiratory ailments, and be physically suited to the trade.

**Commencement dates:** September

**Length of Course:** 10 months

**College Credit:** 45 Semester hours

**Dress:** The student must supply gloves (approx.) \$8.00.

## WELDING UPGRADING

The primary purpose of this program is to prepare students for certification in the following categories:

A.S.M.E. sec. IX, C.S.A.-W-47, or A.W.S. Codes.

Special courses may also be arranged in the following areas:

Downhill Pipeline

Tungsten Inert Gas (T.I.G.) Semi-automatic Gas Metal Arc.

### Requirements for Admission:

Welding upgrading training is confined to persons presently or recently employed in welding, who wish to improve their techniques or become proficient in special processes, or who are approved for the following certification; A.S.M.E. sec. IX, C.S.A.-W-47, or A.W.S. Codes. Persons requiring Provincial Government Certification are required to apply to the Welding Inspector, Department of Public Works, for assessment of their credentials. The Inspector may stipulate a certain length of time for instruction before taking the test. The testing appointment will be arranged by the Chief Welding Instructor at the College.

**General Information:** Upgrading runs continuously and may be taken as space becomes available.

Length of training time will be variable for each trainee. Maximum training period, 5 months.

**Dress:** Students must supply their own jacket, helmet, goggles and gloves.

## TECHNICAL (CAREER) PROGRAMS

### ADMISSION REQUIREMENTS

#### GENERAL ACADEMIC REQUIREMENTS:

Students eligible for admission are those who:

- a) have graduated from a B.C. Secondary school or equivalent,
- or b) are deficient in no more than two courses for B.C. Secondary School graduation,
- or c) are over 19 years of age on the first day of the semester for which admission is sought and have been out of the regular school system for at least one year and whose maturity and experience demonstrate they will be able to succeed in College courses,
- or d) will complete grade 11 in the year in which they are applying for admission, and wish to be considered as "Early Admission" candidates. Admission in this category will only be granted to students with an outstanding academic record.

TECHNICAL  
1 or 2 year programs

RECOMMENDED OR REQUIRED  
SECONDARY SCHOOL COURSES

Program of studies in:

Business Administration  
Construction Technology  
Data Processing  
Early Childhood Education  
Forest Resource Technology

Medical Laboratory Technology

Bookkeeping 11, Mathematics 11  
Physics 11, Mathematics 11  
Bookkeeping 11, Mathematics 11  
Child Care 12  
Mathematics 11, Biology 11,  
Drafting 11, Chemistry 11  
Mathematics 12, Chemistry 11,  
Chemistry 12 and one other  
Science 11

### ADMISSION PROCEDURES

#### STUDENTS ENROLLING IN COURSES FOR CREDIT NEW STUDENTS

- (i) Apply to Student Services office for an application form and attach 2 copies of your Secondary School or post-secondary transcripts.

**Note:** Secondary School students are urged to apply for admission as early as possible. A statement from the school that completion of subjects in which the student is enrolled will lead to graduation will be accepted in lieu of a transcript and students will be admitted on a conditional basis. The conditional status will be removed when the College receives the official transcript of secondary school grades which should be forwarded as soon as possible.

- (ii) The completed application form, and transcripts should be submitted to the College at least two weeks before the beginning of the semester to which admission is sought.
- (iii) Arrange for a pre-registration interview with a College counsellor. Interviews will be conducted throughout the region. Local secondary schools have information on the dates interviews will be conducted in each community.
- (iv) Following the pre-registration interview, applications will be processed and students will be notified by mail of their admission to the College.

Detailed registration information including the date and time for registration will be included with the notice of admission.





## FORMER STUDENTS RETURNING TO COLLEGE

- (i) One month prior to the beginning of the semester in which you wish to enroll contact the Registrar and request a notice of admission and permission to register.
- (ii) Consult a counsellor about appropriate courses. Detailed registration information will be sent to you with the notice of admission.

## AUDIT STUDENTS

Phone or write the Student Services office and request permission to register as an audit student in the course(s) that interest you.

You will receive registration information by mail, outlining the date and time at which you should register and pay tuition fees. Priority for space in classes is given to credit students.

## REGISTRATION

Students should register at the time indicated on their Notice of Admission.

Students will not be admitted to the registration area at times earlier than those indicated on their Notice of Admission.

## LATE REGISTRATION

Students who are unable to register at the specified time may register up to the date indicated in the College Calendar as the last date for late registration.



## BUSINESS PROGRAMS

C.N.C. offers three separate business programs. Advice and counselling on the selection of an appropriate program is available through the Student Services Office.

### B.COMM TRANSFER

Students must select courses that satisfy the requirements of the first two years of Business and Commerce departments of the university to which the student intends to transfer. For further details see page 15.

### DIPLOMA IN GENERAL STUDIES – Business Option

Students may select courses from both the University Transfer and Technical areas and devise their own program to suit their own specific needs. For further details see page 16.

### DIPLOMA IN BUSINESS ADMINISTRATION

The courses in this program have been designed to give the student a direct and applied introduction to the skills and knowledge required in the management of modern business. The first year of the diploma in Business Administration program introduces the fundamentals of all aspects of business, including the development of basic skills and techniques. At an early stage the student is given experience in applying these skills and techniques to the business situation.

In the second year the student has the opportunity to select areas of special interest and relevance to his own needs, abilities and objectives, including accounting, marketing and personnel management.

Strong emphasis is placed on the Case Study method of instruction in all the Business Administration courses.

**Required Secondary School Courses:** Math 11

**Recommended:** Bookkeeping 11

### THE COURSES – DIPLOMA IN BUSINESS ADMINISTRATION

#### Semester 1

Accounting I	BUS 151-3
Business Fundamentals I	BUS 153-3
Data Processing Fundamentals	EDP 151-3
Effective Communication I	ENGL 151-3
Mathematics of Finance	MATH 154-3
Introduction to Economics	ECON 151-3

#### Semester 2

Accounting II	BUS 152-3
Business Fundamentals II	BUS 154-3
Computer Programming I	EDP 152-3
Effective Communication II	ENGL 152-3
Human Relations	PSYC 153-3
Canadian Economic Issues	ECON 152-3

#### Semester 3

Business Law	BUS 163-3
Financial Management I	BUS 257-3
Plus four electives selected from:	
Intermediate Accounting I	BUS 251-3
Cost Accounting I	BUS 253-3
Marketing I	BUS 271-3
Human Problems of Management	BUS 274-3
Systems Analysis	EDP 253-3
Business Uses of the Computer	EDP 255-3
Industrial Relations	BUS 164-3
Social Science Elective	(3)

#### Semester 4

Management	BUS 255-3
Financial Management II	BUS 258-3
Statistics	MATH 155-3
Plus four electives selected from:	
Intermediate Accounting II	BUS 252-3
Cost Accounting II	BUS 254-3
Personnel Administration	BUS 275-3
Marketing II	BUS 282-3
Systems Design	EDP 254-3
Case Studies	EDP 256-3
Managerial Computer Application I	EDP 254-3
Managerial Computer Application II	EDP 256-3
Social Science Elective	(3)

Many of the courses in the Business Administration and Data Processing Programs are acceptable as exemptions on the Chartered Accountants' and Industrial Accountants' courses of instruction. Also exemptions may be granted on the Certified General Accounts' program though it should be noted that the C.G.A. calendar states that exemptions refer to students who have completed a **full-time** educational program. In addition, students will be granted exemptions only at the time of their registration in the program **not** for course work completed concurrently with the C.G.A. program.

In all three cases, the final decision of granting an exemption is in the hands of each accounting organization.

## CONSTRUCTION TECHNOLOGY

Graduates of this program should expect to enter the construction industry in a junior capacity such as assistant to an estimator or to a project supervisor. Promotion to supervisory positions will require considerable work experience.

The course of study includes construction materials, soil, concrete, aluminum, steel, wood, masonry, plastic, glass; drafting and blueprint reading, communications management, surveying, estimating, scheduling and industrial relations. Building regulations and building codes will be covered throughout the course where such information is necessary. Electives provide an opportunity for students to select a course of studies that will prepare him for office work or field work.

Opportunities will be provided for employment between the second and third semesters for on-the-job experience which will assist the student in finding permanent employment after graduating.

This program was designed with the assistance and co-operation of the Prince George Construction Association of British Columbia and members of the Construction Technology Advisory Committee. The program is being reviewed and is subject to course revision and addition of courses that provide required subject material for successful graduates.

**Required Secondary School Courses:** Math 11, Physics 11, or permission of the instructor.

## CONSTRUCTION TECHNOLOGY

### THE COURSES

#### Semester 1

Introduction to Construction Industry	CONS 150-3
Construction Materials & Application I	CONS 151-3
Drafting Fundamentals	TECH 153-3
Effective Communication I	ENG 151-3
Mathematics	MATH 151-3
Business Fundamentals I	BUS 153-3

#### Semester 2

Drafting & Blueprints	TECH 154-3
Construction Materials & Application II	CONS 152-3
Construction Science I	CONS 161-3
Effective Communication II	ENG 152-3
Surveying	SURV 151-3
And two electives selected from:	
Construction Business	BUS 158-3
Personnel Administration	BUS 275-3
Basic to Statistics	MATH 155-3
Business Fundamentals II	BUS 154-3
Introduction to Economics	ECON 151-3

#### Semester 3

Summer Essay	CONS 270-3
Construction Strength & Design	CONS 271-3
Estimating and Bidding I	CONS 261-3
Construction Science II	CONS 162-3
Construction & Law	BUS 165-3
Plus two electives selected from:	
Industrial Relations	BUS 164-3
Human Relations	PSYC 153-3
Data Processing Fundamentals	EDP 151-3
General Business Law	BUS 163-3
Roads & Excavation	CONS 181-3

#### Semester 4

Estimating & Bidding I	CONS 262-3
Construction Problems	CONS 282-3
Construction Scheduling	CONS 274-3
Building Services	CONS 284-3
Plus two electives selected from:	
Roads & Excavation II	CONS 281-3
Construction Equipment	CONS 283-3
Human Problems of Management	BUS 274-3
Computer Programming I	EDP 152-3



## DATA PROCESSING

The increasing need to assemble and interpret vast amounts of information has resulted in tremendous expansion in the field of data processing. The electronic computer is now being used in virtually every area of business and industry. The computer is also being used extensively in scientific engineering and research projects.

The application of the computer to business problems requires a great deal of human planning and preparation. Information processing must be both timely and accurate. The computer is a versatile and useful calculating facility but it must be given careful and detailed instructions. This requires analyzing the situation and defining the problem, formulating a solution and expressing the solution in terms the computer can understand.

The Data Processing Program is a two year program designed to prepare the individual for employment as a computer operator, programmer, or systems analyst.

The program is intended to conform to the requirements of the Data Processing Management Association and to enable the students, with further study and experience to qualify for the professional certificate in Data Processing.

**Required Senior Secondary School Courses:** Math 11

**Recommended:** Bookkeeping 11

### THE COURSES

#### Semester 1

Effective Communications I	ENGL 151-3
Mathematics of Finance	MATH 154-3
Data Processing Fundamentals	EDP 151-3
Accounting I	BUS 151-3
Business Organization I	BUS 153-3
Introduction to Economics	ECON 151-3

#### Semester 2

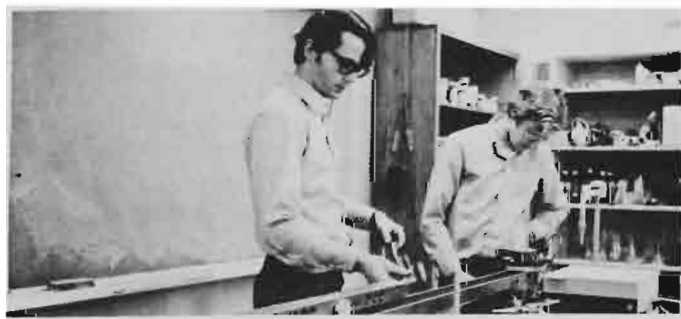
Effective Communications II	ENGL 152-3
Human Relations	PSYC 153-3
Accounting II	BUS 152-3
Computer Programming I	EDP 152-3
Business Organization II	BUS 154-3
Canadian Economic Issues	ECON 152-3

#### Semester 3

Cost Accounting I	BUS 253-3
Computer Programming II	EDP 251-3
Systems Analysis	EDP 253-3
Business Uses of the Computer	EDP 255-3
Business Law	BUS 163-3
Business Elective	(3)

#### Semester 4

Cost Accounting II	BUS 254-3
Computer Programming III	EDP 252-3
Systems Design	EDP 254-3
Managerial Applications of the Computer	EDP 256-3
Statistics	MATH 155-3
Business Elective	(3)



## EARLY CHILDHOOD EDUCATION

The program for Early Childhood is designed for Children's Centres. These centres may be day care centres, nursery schools, private kindergartens, or family day care homes. The children range in age from infancy to six years.

The goals of the program are to develop in the student an understanding of:

- human growth, development and learning; mental and physical health.
- the relationship between children's centre, parents, home and community.
- curriculum content, methods, materials, and resources for pre-school centres.
- current problems, the history and philosophy of pre-school education.
- the administration and organization of pre-school centres and their relationship to the elementary school.

In addition to regular classroom instruction, students are required to spend time at the New Caledonia Children's Centre, which provides the student with an opportunity to co-ordinate theory and practice.

At present the first year of the program qualifies a person to be a supervisor of a pre-school centre, and gives the student a C.N.C. Certificate. The province of British Columbia is currently revising its Community Care Facilities regulations, however, so that the future first year will qualify a person to be an assistant in a centre, and the second year will be required to qualify for a supervisor's position.

Completion of the second year earns a diploma from the College of New Caledonia.

All applicants for this program must submit a statement from a physician regarding their mental and physical health.

Entry into the second year of the program may be gained by either completion of year one or its equivalent from Adult Education.

Students may enroll in either year or a part-time basis. The part-time first year student is required to take ECE 151-3 and 154-3 before the other courses.

**Recommended Secondary School Courses:** Child Care 12.

**Note:** It is recommended that students seeking admission to this program attempt to work as a volunteer in a children's centre prior to enrolling in the College.

All applications for admission to the first year of this program are reviewed in mid-June; following this review students will be notified of their eligibility for admission, and may be required to attend an interview.



## FORESTRY EXTENSION CERTIFICATE PROGRAM

This Certificate Program has been designed to provide a series of relevant extension courses for persons presently employed in the Forestry Industry.

Courses completed in this Certificate Program may apply to the two year Forest Resource Technology Diploma Program.

### Prerequisite for admission:

- Math 11 or equivalent
- Two years experience in the woods division of a forest industry or the Forest Service.
- Applicants who have successfully completed the basic course at Green Timbers will be granted credit for Forestry 165-3 Forestry 166-3, English 151(3), English 152(3).

### THE COURSES:

#### Year 1

	Semester 1	
Forest Science I		FOR 155-3
Photogrammetry I		FOR 171-3
Forestry Drafting I		FOR 173-2

	Semester 2	
Forest Science II		FOR 156-3
Photogrammetry II		FOR 172-3
Forest Drafting II		FOR 174-2

#### Year 2

	Semester 1	
Forest Products I		FOR 153-3
Basic Statistics		Math 155-3*
*Prerequisite for Math 155-3: Math 12 or Math 151-3.		

	Semester 2	
Forest Products II		FOR 154-3
Forest Sampling and Surveying Procedures		FOR 191-3

#### Year 3

	Semester 1	
Fire Control I		FOR 165-3
Effective Communication I		ENG 151-3

	Semester 2	
Fire Control II		FOR 166-3
Effective Communication II		ENG 152-3

	Semester 1	
Effective Communications I		ENGL 151-3 (or 101-3)
Human Development		ECE 151-3
Philosophy of ECE		ECE 154-3
General Psychology I		PSYC 151-3 (or 101-3)
Observing and Recording		ECE 170-3
	Semester 2	
General Psychology II		PSYC 152-3 (or 102-3)
Human Relations		PSYC 153-3
Parent-Supervisor Relations		ECE 153-3
Program Development		ECE 165-4
Practicum I		ECE 190-6
	Semester 3	
Infant Development		ECE 252-3
Creative Experiences For Young Children		ECE 261-2
Sociology		SOC 151-3 (or 101-3)
Health		ECE 272-2
Nutrition		ECE 273-2
Play as a Way of Learning		ECE 263-3
Practicum II		ECE 291-6
	Semester 4	
Exceptional Children		ECE 253-2
Supervision		ECE 254-2
Family in Society		ECE 251-3
Seminar in ECE		ECE 282-3
Practicum		ECE 292-6
Elective		

## FOREST RESOURCE TECHNOLOGY

The Forest Resource Technology program provides a technical training in B.C.'s major industry, the harvesting and management of timber crops. Timber is a renewable resource which requires intense control measures to protect the crop from fire, insects and disease. The management of timber requires a knowledge of tree nursery, planting and site preparation techniques. The final harvesting of the timber requires highly qualified technicians to guarantee minimum costs and sustained yield in the future. Land management for best use of all resources is stressed in the program.

Specific job opportunities for graduates of this program include timber appraisers, road foremen, logging foremen, forest engineering technicians, research assistants, and in the Forest Service as Assistant Rangers, nursery technicians and fire protection officers.

Students seeking careers in this technology should realize that the work is outdoors most of the year and that all conditions of weather will be encountered.

The suggested prerequisites for admission are: Math 11, Biology 11, and Drafting 11. Grade 12 graduation is recommended as a good command of Mathematics and English is important. A knowledge of basic chemistry is useful. Mature students are admitted with less than grade 12 graduation if they are 21 years of age with two or more years of experience in the Forest Industry. Transfer qualification with full standing into the second year Forest Technology program at B.C.I.T. is possible at the end of the first year for those students who feel they wish to seek employment on the Coast upon graduation.

Applicants may be required to attend an interview at the College prior to registration.

### THE COURSES

#### Semester 1

Effective Communication I	ENGL 151-3
Mathematics	MATH 151-3
Forest Products I	FOR 153-3
Forest Science I	FOR 155-3
Forest Measurements I	FOR 161-3
Fire Control I	FOR 165-3
Photogrammetry I	FOR 171-3
Forest Drafting I	FOR 173-2
Industrial Orientation I	FOR 150-1
Industrial Psychology and Human Relations I	PSYC 157-1

#### Semester 2

Effective Communication II	ENGL 152-3
Statistics	MATH 155-3
Forest Products II	FOR 154-3
Forest Science II	FOR 156-3
Forest Measurements II	FOR 162-3
Fire Control II	FOR 166-3
Photogrammetry II	FOR 172-3
Forest Drafting II	FOR 174-3
Field Studies	FOR 199-1
Industrial Psychology and Human Relations II	PSYC 158-1

#### Semester 3

Technical Writing	ENGL 251-3
Forest Management I	FOR 251-3
Silviculture I	FOR 253-3
Forest Pestology I	FOR 255-3
Applied Sampling Procedures	FOR 261-3
Forest Finance I	FOR 281-3
Roads and Transportation I	FOR 285-3
Logging I	FOR 287-3
Industrial Orientation II	FOR 250-1
Public Relations	BUS 267-1
Summer Essay	FOR 270-1

#### Semester 4

Mathematics	MATH 251-3
Forest Management II	FOR 252-3
Silviculture II	FOR 254-3
Forest Pestology II	FOR 256-3
Scaling	FOR 262-3
Forest Finance II	FOR 282-3
Roads and Transportation II	FOR 286-3
Logging II	FOR 288-3
Industrial Relations	BUS 268-1

## INDUSTRIAL FORESTRY TECHNICIAN CERTIFICATE PROGRAM

The Industrial Forestry Technician program is designed to give students who wish to enter the forest industry some background in the major divisions of the industry.

Classroom and industrial experience will be directed at the production level of forestry, such as cruising and engineering assistants, logging, sawmilling, pulp and paper, veneer and plywood manufacturing and specialty products manufacturing such as particle board, shingle, shake and prestologs. With this background, students will be able to make a more valid decision regarding the phase of industry in which they would like to seek employment.

Graduates will enter industry as hourly wage personnel at a beginning level. Further specialization may be obtained by on-the-job training programs. During the Industrial Forestry Technician program the student will be given the opportunity to obtain his scaling and lumber grading certificates.

Students may be exempted from taking a course if they have completed an equivalent course or have related work experience.

A certificate will be granted upon graduation from the logging school and upon completion of level three.

**Admission Requirements:** Grade 12 preferred mature students and others with less than grade 12 should apply for individual consideration.

### THE COURSES

	Level I	
Basic Mathematics		MATH 153-3
Basic Forest Management		FOR 181-3
Practical Forestry		FOR 182-3
Tree Harvesting Practices		FOR 183-3
Sawmilling		FOR 184-3
Pulp and Paper Manufacturer		FOR 185-3
Veneer, Plywood & Specialty Products		FOR 186-3
Fire Protection		FOR 187-3
	Level II	
Basic Logging School		FOR 189-3
	Level III	
Industrial Experience		FOR 188-3



## MEDICAL LABORATORY TECHNOLOGY

The Medical Laboratory Technology program is unique at C.N.C. in that it offers transfer possibilities to both B.C.I.T. and the universities. At the end of their first year students may opt to continue on to become a hospital laboratory technician, and transfer to B.C.I.T. in Burnaby. Students may also choose the University Transfer option, and continue on in a second year university program at C.N.C., or at one of the universities.

Students interested in the Medical Laboratory Technology option will, after successfully completing their first year at C.N.C., transfer to B.C.I.T. for their second year. A third year must then be spent in a hospital approved as a training establishment by the Canadian Medical Association. Students must then write the Examination of the Canadian Society of Laboratory Technologists.

Successful graduates of the Medical Laboratory Technology program will have a large variety of positions available to them, in research laboratories, clinical laboratories, hospitals and government agencies.

Students interested in the University Transfer option will be able to enter any second year university science program.

**Prerequisites for Admission:** Math. 12, Chem. 11, and one other Science 11.

### The Courses:

#### Semester 1

English 101-3, 103-3, or 151-3  
Math 101-3, 103-3 or 151-3  
Chem 103-3  
Biology 103-3  
Physics 105-3  
MLT 151-3

#### Semester 2

Univ. Option	B.C.I.T. Option	Double Option
English 102-3	English 102-3 or 152-3	English 102-3
Math 102-3	Math 104-3 or 155-3	Math 102-3 and 104-3
Chem 104-3	Chem 104-3	Chem 104-3
Bio 104-3	Bio 104-3	Bio 104-3
Physics 106-3	Physics 106-3	Physics 106-3
---	MLT 152-3	MLT 152-3

#### Special Spring Semester for Medical Lab.

Data Processing E.D.P. 157-2  
Anatomy and Physiology Bio 161-3  
Mathematics for Med Lab Math 161-3



## FEES AND ACADEMIC INFORMATION FOR UNIVERSITY TRANSFER, TECHNICAL AND GENERAL STUDIES PROGRAMS

### FEES

**Tuition fees are collected each semester. All fees are due and payable at the time of registration.**

**FULL TIME STUDENTS:** (Students enrolled in 15 or more credit hours)

- (a) **In region and other region students**  
Tuition \$125.00 Per Semester  
I.D./Library Card \$ 1.00 Per Year
- (b) **Out of Region Students**  
Tuition \$175.00 Per Semester  
I.D./Library Card \$ 1.00 Per Year

**PART-TIME STUDENTS:** (Students enrolled in fewer than 15 credit hours)

- (a) **In region and other region students**  
Per course (3 credits)  
Tuition \$ 25.50 Per Semester  
I.D./Library Card \$ 1.00 Per Year
- (b) **Out of region students**  
Per course (3 credits)  
Tuition \$ 36.00 Per Semester  
I.D./Library Card \$ 1.00 Per Year

**NOTE:** Part time students enrolled in other than 3 credit hours courses will be charged fees as follows:

- (a) **In region and other region students**  
Tuition \$ 8.50 Per credit hour
- (b) **Out of region students**  
Tuition \$ 12.00 Per credit hour

**AUDIT STUDENTS** \$ 5.00 Per credit hour

**NOTE:** No Fees will be charged to Senior Citizens.

### PAYMENT OF FEES

Fees are due and payable at the time of registration. Students who are unable to pay their fees at the time of registration should arrange with the Bursar to pay within fourteen days of the commencement of classes.

Students whose fees are not paid within fourteen days of the commencement of classes may be required to withdraw from the College.

### ESTIMATED SEMESTER EXPENSES

Full-time students should be aware of all the expenses they should budget for each semester. Costs may be estimated as follows:

Tuition Fees	\$125.00
Books and Supplies	60.00
Local Transportation	45.00
Miscellaneous	100.00
	\$330.00

The cost of room and board for students from outside Prince George averages \$100.00 per month. (See Subsidy, page 45.)

### MISCELLANEOUS FEES

**Late Registration:** A late fee of 10% of tuition fees is charged to students who pay their fees more than 14 days after the first class of any program.

Grade Appeal	\$ 5.00
Duplicate Transcript	2.00 (3 copies)
Duplicate Diploma	3.00
Reinstatement Fee	10.00
Library I.D. Card Duplicate	1.00

Some courses may require an assessment for supplies or activities required as part of the course.

### SPONSORED STUDENTS

Students whose fees will be paid by sponsoring agencies are required to present a letter to this effect from the agency concerned at the time of registration.

### REFUNDS

A complete refund of fees is made only when a course or program is cancelled.

### SCALE OF WITHDRAWAL REFUNDS

- a) Withdrawl within two weeks after commencement of classes 80% refund
- b) Withdrawal within four weeks after commencement of classes 50% refund
- c) Withdrawal more than four weeks after commencement of classes No refund

**NOTE:** Except in the case of a course being cancelled, Audit fees are not refundable.

## ACADEMIC STANDING

Students are assigned an academic status at the beginning of each semester. All students with a grade point average of 0.99 or lower will not be permitted to continue in the following semester. Students with a current grade point average between 0.99 and 1.50 will automatically be assigned probationary status for the following semester.

The minimum requirement for completion of any CNC program is a cumulative grade point average of 2.0. Any assignment of academic status is subject to appeal.

## ADVANCE STANDING

Students who have completed post-secondary courses in other institutions may be given credit for these courses at C.N.C. Such students who plan to transfer to another institution following the completion of a program at C.N.C. are advised to request an equivalent evaluation of these courses from this senior institution prior to enrolling at C.N.C. Following this procedure will avoid complications at the time of transfer. Students with questions on advance standing should consult with the Registrar well before the beginning of the semester in which they will be registering.

## CHANGE OF COURSE OR SECTION

Students contemplating changing courses should consult with a counsellor to avoid enrolling in courses that do not satisfy the requirements for the program they are pursuing. All course and section changes require College approval, and will only be permitted during the periods in the college calendar.

### Procedure to follow when making a change:

1. Consult the instructors involved in the change
2. Obtain and complete a Change of Course or Section Form available from the Student Services Office
3. Obtain the receiving instructors signature in case of a course change.
4. Return the form to the Student Services Office.

## COLLEGE CERTIFICATE

A C.N.C. Certificate is awarded to students who satisfactorily complete a prescribed College program of less than four Semesters, providing they have a cumulative grade point average of 2.0 or higher.

## COLLEGE DIPLOMA

A C.N.C. Diploma is awarded to students who complete either:  
The requirements of a College Diploma program of at least four semesters with a pass grade in each specified course and with a cumulative grade point average of 2.0 or higher.

### OR:

A General Studies program of at least four semesters and 60 semester hours of credit with a cumulative grade point average of 2.0 or higher.

### OR:

The requirements of a University Transfer program of at least 60 credit hours of work that will permit transfer into third year university in a recognized degree program, and have a cumulative grade point average of 2.0 or higher.

### NOTE:

Students who enroll in a C.N.C. diploma program with advance credit for courses taken elsewhere must complete a minimum of 15 credit hours of work at C.N.C., to qualify for a C.N.C. diploma.

Students who expect to complete the requirements for a certificate or diploma are required to complete an application for graduation form available from the Student Services office. Completed forms should be returned to the Students Services Office by November 16 for students who expect to graduate at the end of the Fall Semester and by April 1 for those who expect to graduate at the end of the Spring Semester.

## CREDIT HOURS

One credit hour usually represents one hour per week of classroom lectures. Most courses offered are three credit courses. As such they require three lecture hours per week, together with required study in laboratories, seminars, or tutorials. A full-time student is normally enrolled in 15 or more credit hours of work each semester.

## EVALUATION AND GRADING

To ensure maximum involvement of the student in the learning process, C.N.C. follows a policy of **continuous evaluation** in determining the grades. There is no single final examination.

## STATEMENT OF GRADES

At the end of each semester a statement of grades is mailed to each student enrolled in a course for credit.

All obligations relating to fees, library books or fines, rentals, loans, etc. must be met before any statement of grades, transcript, certificate or diploma will be released.

## STATUS OF STUDENTS

### GEOGRAPHIC

At the time of admission students are assigned in-region, other-region, or out-of-region status. (See Admission Information – residence requirements). Students whose geographic status changes after admission should notify the Registrar.

### ACADEMIC

All students are assigned an academic status at the beginning of each Semester. This status is determined by the student's previous level of success.

- (i) Adequate Status – assigned to new students who have completed all formal prerequisites for admission to the College and to continuing students with a current grade point average of 1.5 or higher.
- (ii) Conditional Status – assigned to new students who have not submitted transcripts of previous education, or who are required to complete one or two secondary school courses. Students will not normally receive an official transcript until the condition for admission has been satisfied.
- (iii) Probationary Status – assigned in each of the following situations.
  - to mature students who have not completed secondary school.
  - to students whose previous academic achievement cannot be accurately assessed.
  - to students whose current grade point average is between 1.00 and 1.49. Such students may be required to enroll in a reduced course load, and if this is the second consecutive semester when the student's grade point average was between 1.00 and 1.49, may be required to withdraw.
  - to students admitted as "Early Admission" students.
- (iv) Audit status
  - assigned to students taking a course for interest only. Audit students do not receive grades or credit for courses taken.

### TRANSCRIPTS

The Official Transcript includes a record of the student's grades for all courses attempted and is imprinted with the College Seal and signed by the Registrar. One transcript is issued to students upon request, free of charge.

Additional copies may be obtained from the Student Services Office. Fee \$2.00 for 3 copies. The College will forward transcripts to other institutions or potential employers, etc., only with the specific permission of the student involved.

### TRANSFER TO OTHER INSTITUTIONS

A booklet outlining the specific courses to which C.N.C. courses transfer at various institutions in B.C. is available from the Student Services Office.

Students contemplating transfer to another institution should consult the Calendar of the institution to which they intend to transfer and ensure that their program of studies at C.N.C. will allow for such transfer.

C.N.C. counsellors will assist students to select courses that will permit easy transfer to other institutions, but the final responsibility for a selection of courses remains with the student.

### WITHDRAWAL

Students who wish to withdraw from a course or program of study without incurring an "F" grade must complete the withdrawal form available from the Counsellor.

Students may withdraw and receive a "W" grade between the dates indicated in the college calendar.

Students who withdraw after the prescribed dates will receive an "F" grade for all Courses in which they are registered.



# UNIVERSITY TRANSFER PROGRAMS

## ADMISSION REQUIREMENTS

### General Academic Requirements – University Transfer Programs

Students eligible for admission are those who:

- a) have graduated from a B.C. Secondary school or equivalent,
- or b) are deficient in no more than two courses for B.C. Secondary School graduation (which must be completed while attending College),
- or c) are over 19 years of age on the first day of the semester for which admission is sought and have been out of the regular school system for at least one year and whose maturity and experience demonstrate they will be able to succeed in College courses,
- or d) will complete grade 11 in the year in which they are applying for admission, and wish to be considered as "Early Admission" candidates. Admission in this category will only be granted to students with an outstanding record.

Secondary school students should anticipate the type of studies they hope to undertake at a University, and consult University calendars for specific requirements.

#### University Transfer Programs

#### Recommended Secondary School Courses

Program of Studies in:

#### ARTS –

A language other than English is required for a B.A. degree at U.B.C. only. It may be: French 12 or a foreign language "12".

or French 11 or foreign language "11" plus one University year in same language.

or Two University years in a language.

Some universities require at least one year of a lab science for an arts degree, therefore, it would be helpful for secondary school students to take at least a Science 11.

#### EDUCATION –

There are no specific secondary school subjects required beyond those necessary for graduation. However, as "Education" is usually a combination of "Arts" and teacher education or "Science" and teacher education the requirements of Arts and Science should be met.

Some universities require at least one course in History, Geography, Mathematics, and Lab Science. If a student is considering teaching at the elementary level, the above courses should be considered.

#### SCIENCE –

As students will transfer from C.N.C. to universities, it is suggested that you follow university recommendations for Secondary School courses.

Chemistry 11  
Physics 11  
Mathematics 11 and 12  
At least one additional science course numbered "11" or "12"

### SUGGESTED FIRST TWO SEMESTERS AT C.N.C. FOR ARTS, COMMERCE, EDUCATION, AND SCIENCE DEGREE PROGRAMS

#### ARTS (B.A.)

University of B.C.

Any two of English 101-3, 102-2, 103-3. Six semester hours of science (Biology, Chemistry, Physics, Geology, Geography\*, Math). Six semester hours of a foreign language. (If a language 12 has been completed in Secondary School, electives may be chosen.) Twelve semester hours of electives chosen from the list at the end of this section.  
TOTAL 30 SEMESTER HOURS OF CREDIT.

University of Victoria

Any two of English 101-3, 102-3, 103-3. Twenty-four semester hours of electives chosen from the list at the end of this section. Students are advised to consult the U. of Victoria calendar for information on requirements for majors.  
TOTAL 30 SEMESTER HOURS OF CREDIT.

Simon Fraser University

English 101-3 and 102-3. Twenty-four semester hours of electives chosen from the list at the end of this section. Students are advised to consult the S.F.U. calendar for group requirements.  
TOTAL 30 SEMESTER HOURS OF CREDIT.

Notre Dame University

English 101-3 and 102-3. Twenty-four semester hours of electives chosen from the list at the end of this section. Students are advised to consult the N.D.U. calendar for information on requirements for majors.  
TOTAL 30 SEMESTER HOURS OF CREDIT.

#### EDUCATION (Elementary) (B.Ed.)

University of B.C.

Any two of English 101-3, 102-3, 103-3. Six semester hours of History or Geography. Six semester hours of a lab science (Biology, Chemistry, Physics, Geology, Geography\*). Twelve semester hours of electives chosen from the list at the end of this section. (Courses in Art, Music, Theatre are recommended). P.E. majors must take Biology 150 at U. of Victoria, not Biology at C.N.C.  
TOTAL 30 SEMESTER HOURS OF CREDIT

University of Victoria

Any two of English 101-3, 102-3, 103-3. History 103-3 and 104-3. Six semester hours of a lab science (Biology, Chemistry, Physics, Geology, Geography\*), Geography 101-3 and 201-3 or 203-3 or 205-3. Mathematics 101-3 and 102-3 or 103-3 and 104-3.  
TOTAL 30 SEMESTER HOURS OF CREDIT.

\*Geography 201-3 and 202-3 must be taken to satisfy the science requirement.

Simon Fraser University

English 101-3 and 102-3. Twenty-four semester hours of electives chosen from the list at the end of this section. Consult S.F.U. calendar for requirements.  
TOTAL 30 SEMESTER HOURS CREDIT.

Notre Dame University

English 101-3 and 102-3. Six semester hours of a lab science (Biology, Chemistry, Physics, Geology, Geography) Math 101-3 and 102-3. Twelve semester hours of electives chosen from the list at the end of this section, and in consultation with the N.D.U. calendar.  
TOTAL 30 SEMESTER HOURS CREDIT.

#### EDUCATION (Secondary) (B.Ed.)

University of B.C.

Any two of English 101-3, 102-3, 103-3. Twenty-four semester hours of electives and courses required for academic concentrations or majors.  
TOTAL 30 SEMESTER HOURS OF CREDIT.

University of Victoria

Any two of English 101-3, 102-3, 103-3. Twenty-four semester hours of electives to satisfy prerequisites for teaching majors.  
TOTAL 30 SEMESTER HOURS CREDIT.

Simon Fraser University

Same as S.F.U. elementary program, see above.  
TOTAL 30 SEMESTER HOURS OF CREDIT.



## COMMERCE AND BUSINESS ADMINISTRATION

University of B.C. Any two of English 101-3, 102-3, 103-3; Math 101-3 and 102-3 or 103-3 and 104-3; Economics 101-3 and 102-3. Twelve semester hours of electives (Psychology 101-3 and 102-3 is recommended for students considering the Organizational Behavior and Industrial Relations option.)  
TOTAL 30 SEMESTER HOURS OF CREDIT.

University of Victoria No program offered.

Simon Fraser University English 101-3 and 102-3; Economics 101-3 and 102-3; Math 101-3 and 102-3. Twelve semester hours of electives.  
TOTAL 30 SEMESTER HOURS OF CREDIT.

Notre Dame University Also included B.Sc. in Medical Records, Biology 101-3 and 102-3; English 101-3 and 102-3; Math 101-3 and 102-3. Twelve semester hours of electives.  
TOTAL 30 SEMESTER HOURS OF CREDIT.

## SCIENCE (B.Sc.)

University of B.C. Any two of English 101-3, 102-3, 103-3; Math 101-3 and 102-3; Chemistry 101-3 and 102-3 or 103-3 and 104-3; Physics 103-3 and 104-3 or 105-3 and 106-3; Biology 101-3 and 102-3 or 103-3 and 104-3 or six semester hours of a non-science elective.  
TOTAL 30 SEMESTER HOURS OF CREDIT.

University of Victoria English 101-3 and 102-3; Math 101-3 and 102-3; Chemistry 101-3 and 102-3 or 103-3 and 104-3; Physics 103-3 and 104-3 or 105-3 and 106-3; Biology 101-3 and 102-3 or 103-3 and 104-3 or six semester hours of a non-science elective.  
TOTAL 30 SEMESTER HOURS OF CREDIT.

Simon Fraser University Same as the University of Victoria Science Program.  
TOTAL 30 SEMESTER HOURS OF CREDIT.

Notre Dame University Same as the University of Victoria Science Program.  
TOTAL 30 SEMESTER HOURS OF CREDIT.

## SUGGESTED FIRST TWO SEMESTERS AT C.N.C. FOR DEGREE PROGRAMS AT U.B.C.

DEGREE AT U.B.C.	C.N.C. COURSES
Agricultural Sciences	Two of English 101-3, 102-3, 103-3; Biology 101-3 and 102-3 or 103-3 and 104-3; Chemistry 101-3 and 102-3 or 103-3 and 104-3; Physics 103-3 and 104-3 or 105-3 and 106-3; Mathematics 101-3 and 102-3. (Either English or Biology may be deferred to the second year, and be replaced by Economics 101-3 and 102-3.)
Applied Science (Engineering)	Two of English 101-3, 102-3, 103-3; Mathematics 101-3 and 102-3; Chemistry 101-3 and 102-3 or 103-3 and 104-3; Physics 103-3 and 104-3 or 105-3 and 106-3. Six semester hours of elective chosen from the list at the end of this section.
Architecture	Same as Arts, Science or Applied Science. A degree is normally required as a prerequisite for admission.
Dental Hygiene	Two of English 101-3, 102-3, 103-3; Biology 101-3 and 102-3 or 103-3 and 104-3; Chemistry 101-3 and 102-3 or 103-3 and 104-3; Math 101-3 and 102-3; Physics 103-3 and 104-3 or 105-3 and 106-3. (Electives could be taken in lieu of Biology and Chemistry if the "12" level course in each had been taken in Secondary School or in lieu of Physics if Physics 11 had been taken.)

Dentistry A College student planning ultimately to apply to the Faculty of Dentistry must anticipate three years of study, the first two of which may be taken in college and the third in the Faculty of Science or Arts at U.B.C. C.N.C. students should take the courses outlined in the "Science" program for the first two semesters.

Forestry Same as "Science"

Home Economics Same as "Science".

Law There are no subject matter requirements beyond those in the degree program of which the pre-law studies form a major part. Most pre-law students obtain a B.A. or some other bachelor's degree before seeking admission to the Faculty of Law.

Librarianship The requirement for admission to the School of Librarianship is a bachelor's degree. Consult the requirements for the degree of your choice.

Medicine A student planning to apply to the Faculty of Medicine must anticipate three years of study, the first two of which may be taken in college and the third in the Faculty of Science or Arts at U.B.C. Students are advised to include the following courses in the first two semesters at C.N.C. Two of English 101-3, 102-3, 103-3; Math 101-3 and 102-3; Chemistry 101-3 and 102-3 or 103-3 and 104-3; Physics 103-3 and 104-3 or 105-3 and 106-3; Biology 101-3 and 102-3.

Nursing Two of English 101-3, 102-3, 103-3; Chemistry 101-3 and 102-3 or 103-3 and 104-3; Biology 101-3 and 102-3 or 103-3 and 104-3; Six semester hours of non-science electives.

Pharmaceutical Sciences Two of English 101-3, 102-3, 103-3; Chemistry 101-3 and 102-3 or 103-3 and 104-3; Math 101-3 and 102-3; Physics 103-3 and 104-3 or 105-3 and 106-3 or Biology 101-3 and 102-3; Six semester hours of non-science electives.

Physical Education **OPTION A - NON-SCIENCE**  
Two of English 101-3, 102-3, 103-3; Biology 101-3 and 102-3 or 103-3 and 104-3; Psychology 101-3 and 102-3; Twelve semester hours of electives. (Students should choose these electives according to anticipated majors)

**OPTION B - SCIENCE**  
Two of English 101-3, 102-3, 103-3; Mathematics 101-3 and 102-3; Biology 101-3 and 102-3 or 103-3 and 104-3; Physics 103-3 and 104-3 or 105-3 and 106-3 or Psychology 101-3 and 102-3; Chemistry 101-3 and 102-3 or 103-3 and 104-3.

Recreation Two of English 101-3, 102-3, 103-3; Biology 101-3 and 102-3 or 103-3 and 104-3; Psychology 101-3 and 102-3; Sociology 101-3 and 102-3; Art 103-3 and 104-3.

Rehabilitation Medicine Two of English 101-3, 102-3, 103-3; Biology 101-3 and 102-3 or 103-3 and 104-3; Chemistry 101-3 and 102-3 or 103-3 and 104-3; Math 101-3 and 102-3; Six semester hours of electives.

Social Work Since a Bachelor of Arts (B.A.) degree is required of all applicants to Social Work the information given under "Arts" applies also here.

## HUMANITIES I

Humanities I, a program similar to the Arts I program at the University of British Columbia, is organized in a manner very different from traditional courses, for within the program there are no barriers between subject areas. Instead of studying English, Philosophy and History, students and instructors study books selected from a wide range of so-called "disciplines" In other words the course is "non-disciplinary"; discussion of books is not limited by the demands of a particular specialized subject.



Instructors and students will work together, reason together, and learn together. Three instructors, each with a different background, will participate regularly in the program. Sometimes they will lecture, sometimes lead discussion groups and seminars. They will meet students individually to assess their progress and to help with difficulties.

The group will attend plays and films together, and participate in one or two weekend symposia during the year. Informal get-togethers will likely proliferate as the program progresses. By involvement in this common milieu, faculty and students will develop a sense of membership in a community of learners.

Sixty students will be accepted into Humanities I. They will receive credit for three courses per semester, and will be expected to remain in the program for two semesters. In order to receive credit for a full first year, two additional courses will have to be taken each semester.



## Admission Procedures

### STUDENTS ENROLLING IN COURSES FOR CREDIT

#### NEW STUDENTS

- (i) Apply to Student Services office for an application form in detail and attach 2 copies of your Secondary School or post-secondary transcripts.

**Note:** Secondary School students are urged to apply for admission as early as possible. A statement from the school that completion of subjects in which the student is enrolled will lead to graduation will be accepted in lieu of a transcript and students will be admitted on a conditional basis. The conditional status will be removed when the College receives the official transcript of secondary school grades which should be forwarded as soon as possible.

- (ii) The completed application form, and transcripts should be submitted to the College at least two weeks before the beginning of the semester to which admission is sought.
- (iii) Arrange for a pre-registration interview with a College counsellor. Interviews will be conducted throughout the region. Local secondary schools have information on the dates interviews will be conducted in each community.
- (iv) Following the pre-registration interview, applications will be processed and students will be notified by mail of their admission to the College.

Detailed registration information including the date and time for registration will be included with the notice of admission.

#### FORMER STUDENTS RETURNING TO COLLEGE

- (i) One month prior to the beginning of the semester in which you wish to enroll contact the Registrar and request a notice of admission and permission to register.
- (ii) Consult a counsellor about appropriate courses. Detailed registration information will be sent to you with the notice of admission.

#### AUDIT STUDENTS

Phone or write the Student Services office and request permission to register as an audit student in the course(s) that interest you.

You will receive registration information by mail, out-lining the date and time at which you should register and pay tuition fees. Priority for space in classes is given to credit students.

#### REGISTRATION

Students should register at the time indicated on their notice of admission.

Students will not be admitted to the registration area at times earlier than those indicated on their Notice of Admission.

#### LATE REGISTRATION

Students who are unable to register at the specified time may register up to the date indicated in the College Calendar as the last date for late registration.

## GENERAL STUDIES PROGRAMS

### GENERAL STUDIES PROGRAMS

Students are not restricted to enrolling in a program of courses leading to a specific diploma or certificate.

Those with special interests may elect to select their own program from among any of the courses offered throughout the College – combining courses from all program areas if they wish.

Some students may wish to select a combination of Technical program courses and University transfer courses to gain some specific knowledge that may be applied to a job after two years, while at the same time retaining the flexibility of transferring to a degree program at a later date with many of the academic requirements fulfilled.

Other students may wish to augment their Vocational program by enrolling in courses from other programs offered at convenient times with a view to completing a College diploma through evening classes once they have completed a Vocational program.

Each course is assigned a specific number of semester hours of credit, and each vocational program is also assigned a specific number of semester hours of credit. To obtain the C.N.C. GENERAL STUDIES diploma a student must accumulate a total of 60 semester hours of College credit. To obtain the C.N.C. certificate students must complete the specific courses outlined in the following certificate program descriptions.

In addition to assist students who may wish to concentrate in one area without enrolling in a complete program a number of General Studies options are included in this section of the calendar.

These are specific options and will be designated as such on the diploma awarded. Students who select courses and programs that total 60 semester hours of credit which fall outside these specific options will be awarded the C.N.C. GENERAL STUDIES diploma.

### GENERAL STUDIES DIPLOMA

#### Business Option

Requirements for the Diploma:

1. Completion of the required courses
2. Completion of 15 semester hours of credit in other Business, EDP or Economics courses.
3. Completion of electives to total 60 semester hours of credit including the above requirements.

#### Required Courses:

EDP 151-3  
BUS 103-3 or 153-3  
BUS 101-3 or 151-3  
BUS 257-3  
BUS 258-3

### GENERAL STUDIES PROGRAMS

#### APPLIED CRIMINOLOGY

A certificate program designed to provide relevant courses to those now working in law enforcement agencies, correctional services, and rehabilitative services.

The program should enable the participants to perform their present and anticipated duties more competently and to develop a better understanding of human nature as observed among their colleagues and clients.

Students must complete all the required courses to obtain the C.N.C. certificate.

#### Required courses:

English	Engl 151-3, 101-3 or 103-3
Law Enforcement and Community Relations	Crim 155-3
Organization of Police and Correctional Services	Crim 153-3
Psychology (introductory)	Psych 151-3, or 101-3
Sociology	Soc 101-3
Psychology of Abnormal Behavior	Psych 251-3
The Canadian Legal System	Crim 161-3
Canadian Public Administration	Crim 171-3
Applied Communications	Engl 154-3
Elective Course	3 semester hours of credit. Psych 102-3 or 152-3 recommended

#### NOTE:

1. This program has been designed to be transferable to other institutions in B.C. offering a similar program.
2. The specific courses to be offered during the evening each semester will be advertised well in advance of the beginning of the semester.

## GENERAL STUDIES DIPLOMA

### Commercial Option

#### Requirements for the diploma:

1. Completion of the required courses
2. Completion of electives to total 60 semester hours of credit, including the above requirement.

#### Requirements:

Completion of 18 semester hours of credit in a commercial program and completion of 18 semester hours of credit in Business, E.D.P., or Economics.

## CONSTRUCTION TECHNOLOGY

### Certificate Program

A certificate program designed to provide relevant courses to those now working in the construction industry, to enable them to improve their knowledge and skills so as to increase their supervisory and administrative abilities. Transfer is possible between this program and the corresponding diploma program.

Students must complete all the required courses to obtain the C.N.C. certificate.

#### Required courses:

English	ENGL 151-5
Applied Communications	ENGL 154-3
Labour Relations	BUS 164-3
Estimating and Bidding I	CONS 261-3
Practical Drafting	TECH 155-3
Construction Management and Scheduling I	CONS 253-3
Construction Management II	CONS 254-3
Construction Management III	CONS 255-3

Electives to total 6 semester hours of credit

#### NOTE:

1. This program has been designed to be transferable to other institutions in B.C. offering a similar program.
2. The specific courses to be offered during the evening each semester will be advertised well in advance of the beginning of the semester.

\*See also Construction Technology (Diploma Program) page 00.

## CREATIVE WRITING, PRINTING AND JOURNALISM CERTIFICATE AND DIPLOMA PROGRAM

### Required Courses Certificate Program (30 units required)

English 161-3	An Introduction to Writing Style
English 101-3	Literature and Composition I
English 102-3	Literature and Composition II

Plus 21 units in one of the following options:

#### 1) Journalism Option

English 163-3	Journalism I (required)
English 164-3	Journalism II (required)
Political Science 101-3	The Government of Canada
Political Science 201-3	Selected Problems in Canadian Politics
Economics 101-3	Introduction to Economics
Economics 102-3	Canadian Economic Issues
History 103-3	Canadian History I
History 104-3	Canadian History II
Sociology 101-3	Introduction to Sociology I
Sociology 102-3	Introduction to Sociology II
English 165-3	Creative Printing I
English 166-3	Creative Printing II

Other electives may be considered acceptable.

#### 2) Printing Option

English 165-3	Creative Printing I (required)
English 166-3	Creative Printing II (required)
English 163-3	Journalism I
English 164-3	Journalism II
Art 101-3	Fundamentals of Design I
Art 102-3	Fundamentals of Design II
English 205-3	Creative Writing I
English 206-3	Creative Writing II
Art 261-3	Advanced Design I
Art 262-3	Advanced Design II

Other electives may be considered acceptable.

## GENERAL STUDIES DIPLOMA

### Drafting Option

#### Requirements for the Diploma:

1. Completion of the required courses.
2. Completion of electives to total 60 semester hours of credit, including the above requirement.

#### Required courses:

Completion of the Drafting program

## GENERAL STUDIES DIPLOMA

### Early Childhood Education Option

#### Requirements for the Diploma:

1. Completion of the required courses.
2. Completion of at least 14 semester hours of credit in other Early Childhood Education or Psychology courses.
3. Completion of electives to total 60 semester hours of credit including the above requirements.

#### Required courses:

Human development	ECE 151-3
Philosophy of Early Childhood Education	ECE 154-3
Health	ECE 272-2
Nutrition	ECE 273-2
Exceptional Children	ECE 253-2
Family in Society	ECE 251-3

## GENERAL STUDIES DIPLOMA

### Health Sciences Option

#### Requirements for the diploma:

1. Completion of the required courses.
2. Completion of electives to total 60 semester hours of credit, including the above requirement.

#### Required courses:

- EITHER** – Completion of the Dental Assistant program  
**OR** – Completion of the Practical Nursing program.

## HOME-SCHOOL CO-ORDINATOR

The Home-School Co-ordinator provides a communications link between the Native Home and the school system. Education field studies have indicated that there is an increasing need for Home-School Co-ordinators in the Central Interior.

Although completion of this program does not guarantee employment, it does provide a broad academic and practical background to the person who is interested in this or related fields. Students in this program should also note that it provides the options of a 2 year general diploma program or the basic grounding leading to a University Degree.

#### Requirements for Admission:

Grade 12 or Mature Student Status

Ideally, applicants should be of a Native background or have several years of work experience with Native people.

## GENERAL STUDIES PROGRAM

### \* Required Courses, Certificate Program

#### Semester 1

The Government of Canada	POSC 101-3
Introduction to Sociology I	SOC 101-3
Introductory Psychology	PSYC 101-3
Human Development	ECE 151-3
Work Skills	SEMINAR I (3)

#### Semester 2

Composition and Style	ENGL 103-3
Introductory Psychology II	PSYC 102-3
Introduction to Sociology II	SOC 102-3
Cultural & Social Anthropology	ANTH 101-3
Discussion Group	SEMINAR II (3)
Operating Realities	SEMINAR III (3)

### Required Courses, Diploma Program (second year)

Selected Problems in Canadian Politics	POSC 201-3
Politics and Social Life	POSC 203-3
Canadian Society I	SOC 203-3
Social Structure I	ANTH 201-3
Family in Society	ECE 251-3
Canadian Literature I	ENGL 203-3
Canadian Literature II	ENGL 204-3
Dynamics of Behaviour I	PSYC 203-3
Dynamics of Behaviour II	PSYC 204-3
Skills Application Workshop	SEMINAR IV (3)
Skills Development Workshop	SEMINAR V (3)

\* Subject to Revision

## FINE ARTS CERTIFICATE PROGRAM

This Special Series program will introduce the beginning artist to an integrated study of the basic concepts in Art.

Art 101-3	Fundamentals of Design I
Art 102-3	Fundamentals of Design II
Art 103-3	Art History I
Art 104-3	Art History II

**Plus 18 units in the following courses:**

Art 171-3	Introduction to Sculpture I
Art 172-3	Introduction to Sculpture II
Art 173-3	Creative Photography I
Art 174-3	Creative Photography II
Art 261-3	Advanced Design I
Art 262-3	Advanced Design II
Art 271-3	Textile Design I
Art 272-3	Textile Design II

## HUMAN RELATIONS CERTIFICATE AND DIPLOMA PROGRAM

### Human Relations

People today have to make difficult choices about lifestyles appropriate to contemporary living. This program deals with the interaction among ourselves and our environment.

Psychology 101-3	Introductory Psychology I
Psychology 102-3	Introductory Psychology II
Psychology 153-3	Human Relations
Psychology 161-3	Human Sexuality
Psychology 205-3	Developmental Psychology I
Psychology 206-3	Developmental Psychology II
Psychology 251-3	Abnormal Psychology
Sociology 101-3	Introductory Sociology I
Sociology 102-3	Introductory Sociology II
Sociology 203-3	Canadian Society I
Sociology 204-3	Canadian Society II

Other electives, such as Understanding Drug Use, Women in a Changing Society, and Small Groups and Political Behaviour to be offered at various times.

30 units of the above courses must be taken for the certificate; 60 units must be taken for the diploma.

## GENERAL STUDIES DIPLOMA PROGRAMS INDUSTRIAL OPTION

### Requirements for the diploma:

1. Completion of the required courses.
2. Completion of electives to total 60 semester hours of credit, including the above requirement.

### Required Courses:

**EITHER** — Completion of the General Welding program.

**OR** — Completion of any one of the following programs:

- Automotive Mechanical Repair (pre-app.)
- Heavy Duty Mechanics (pre-app.)
- Heavy Equipment Operating
- Small Engine Repair

and completion of 12 semester hours of credit in Business or EDP courses.

## MUNICIPAL ADMINISTRATION

A certificate program designed to provide relevant courses to those now working at the junior supervisory level in Municipal Administration throughout northern B.C., and to offer evening courses to grade 12 graduates interested in seeking a career in municipal administration.

For those not living close to Prince George a correspondence program primarily using audio tapes is available.

Students must complete all the required courses to obtain the C.N.C. Certificate.

### Required Courses:

Municipal Law	BUS 161-3
English	ENGL 151-3
Basic Administration for Municipal Officials	BUS 155-3
Human Relations	PSYC 153-3
Municipal Finance	BUS 259-3
Supervisory Methods	PSYC 253-3
Data Processing — Systems and Procedures	EDP 161-3
Mathematics of Finance	MATH 154-3
Economics	ECON 151-3

Electives to total at least 3 semester hours of credit.

**Note:** The specific courses to be offered during the evening each semester will be advertised well in advance of the beginning of the semester.



## A TWO YEAR DIPLOMA PROGRAM IN THEATRE ARTS

The College of New Caledonia offers an apprenticeship program in Theatre Arts leading to two general options: continuation in a degree program or advanced training for the professional stage. All courses within the program are interrelated, with several productions per year providing a focus and a goal for each stage of the student's work. Emphasis is placed on an appreciation for the necessity of a high degree of co-operation and self discipline in all areas of theatrical activity, whether in acting, stagecraft, design, or scholarship.

The purpose of this program is to insure that each student receives an intensive, and comprehensive background in all major theatrical fields, so that all possible avenues for further study, professional training or eventual employment are left open at the end of the two years.

### Required Courses:

#### First Year

- \* Theatre 101, 102 (History)
- \* Theatre 121, 122 (Acting)
- \* Theatre 141, 142 (Stagecraft)

**Electives** (two courses — four semesters — are to be selected from this list)

- \* Art 101, 102 (Design fundamentals)
- \* Art 103, 104 (History and Appreciation)
- \* English 101, 102, or 103
- \* Music 103, 104 (History and Appreciation)

### Required Courses:

#### Second Year

- \* Theatre 201, 202 (History)
- Theatre 261, 262 (Acting)
- Theatre 281, 282 (Stagecraft)

#### Electives

- \* University transfer option (see course descriptions)
- Acting option (ten hours per week, advanced training)
- Design option (Art 261, 262; stage design)
- Technical option (Stage lighting; experimental techniques; audio-visual)

- \* University Transfer Courses

# UNIVERSITY TRANSFER AND TECHNICAL PROGRAM COURSE DESCRIPTIONS

## STANDARD COURSE ABBREVIATION

Anthropology  
 Art  
 Ballet  
 Biology  
 Business  
 Chemistry  
 Classics  
 Construction  
 C.N.C. Study Skills  
 Criminology  
 Data Processing  
 Early Childhood Education  
 Economics  
 English  
 Forestry  
 French  
 Geography  
 Geology  
 History  
 Humanities Program  
 Mathematics  
 Medical Laboratory Technology  
 Music  
 Philosophy  
 Physics  
 Political Science  
 Psychology  
 Sociology  
 Spanish  
 Surveying  
 Technology  
 Theatre  
 Zoology

ANTH  
 ART  
 BAL  
 BIO  
 BUS  
 CHEM  
 CLAS  
 CONS  
 C.N.C.  
 CRIM  
 EDP  
 ECE  
 ECON  
 ENGL  
 FOR  
 FREN  
 GEOG  
 GEOL  
 HIST  
 HUM  
 MATH  
 MLT  
 MUS  
 PHIL  
 PHYS  
 POSC  
 PSYC  
 SOC  
 SPAN  
 SURV  
 TECH  
 THT  
 ZOO

Each course is identified by a four digit number, for example BUS 151-3. The first three digits identify the courses, last digit, (3 above) indicates the number of credit hours the course carries.

Students may register only in those courses for which they have the specific prerequisite.

All students interested in University Transfer courses should check the transfer guide to ensure courses they are taking at C.N.C. satisfy the requirement of the institution to which they wish to transfer.

The letter (F) or (S) after the course title indicates in which semester the course will be offered; (F) Fall, (S) Spring.

The number in parenthesis at the end of the description indicated the number of lecture hours and lab or seminar hours per week.

Thus (3, 2) – 3 hours lecture and 2 hours lab or seminar per week.



**Note:** Detailed course descriptions, including instructor, method of evaluation, texts, and the purpose of the courses are available at the Student Services Office.

All courses numbered 100-149 and 200-249 are University Program Courses. All courses numbered 150-199 and 250-299 are Technical Program courses and are not normally transferable to a University. Vocational programs carry a specified number of College semester hours of credit upon completion (see individual programs page 4 to 8.)



## ANTHROPOLOGY

### ANTH 101-3 CULTURAL AND SOCIAL ANTHROPOLOGY (F)

An introductory survey of the discipline of anthropology, its historical background, fields of study, methods of analysis, and place in the modern world. Emphasis will be on a comparison of the different cultures of man in the areas of language, kinship, political organization, subsistence patterns, ideology, folklore, culture, and personality, and the effects of culture change and industrialization on native cultures. (3,0)

### ANTH 102-3 PHYSICAL ANTHROPOLOGY AND HUMAN EVOLUTION (S)

An introductory survey of the biological and cultural evolution of man, including the stages of human evolution, the archaeological evidence of human prehistory in the Old and New Worlds, the development of civilization, variation in modern man, and primate behaviour. (3,0)

### ANTH 201-3 SOCIAL STRUCTURE I (F)

An introduction to the methods and concepts of social anthropology: functionalism, diffusion, cultural ecology, the historical approach, culture and personality, and economic determinism. Schools of thought such as British social anthropology, American cultural anthropology, and French structuralism will be studied.

Prerequisite: Anthropology 101-3 or Sociology 101-3. (3,0)

### ANTH 202-3 SOCIAL STRUCTURE II (S)

An examination of selected readings and ethnographies representing different theoretical approaches to the study of social organization and different levels of cultural complexity, including the structure and organization of society, kinship, the social framework of economy, religion, and art.

Prerequisite: Anthropology 201-3. (3,0)

## ART

### ART 101-3 DESIGN FUNDAMENTALS I (F)

An introductory course in which the student is introduced to various techniques, skills and theory of design. Composition, basic design theory and graphics are the major areas of investigation. Throughout the course the emphasis will be on design form in 2 and 3 dimensions. (2,6)

### ART 102-3 DESIGN FUNDAMENTALS II (S)

This semester complements the Fall offering in that it allows the student to develop fully his personal sense of imagery in either two dimensional or three dimensional scale. The emphasis is on form, developed in conjunction with textile arts and ceramics.

Prerequisite: Art 101-3. (2,6)

### ART 103-3 HISTORY OF ART I (F)

This introductory course examines the major developments in art from the pre-historic to the late Gothic age. Art is not examined in isolation but in relation to music and theatre, as well as the social and political situation of the given period from which a specific art form emerged. (3,0)

### ART 104-3 HISTORY OF ART II (S)

Survey of major art developments from the early Renaissance to the present day. When dealing with the modern period, students examine the social conditions and factors that have permitted contemporary trends in art.

Prerequisite: Art 103-3. (3,0)

### ART 171-3 INTRODUCTION TO SCULPTURE I (S)

This course is a general introduction to sculpture, using clay as a medium. Each student will complete at least two sculptures – a life-size head and a figure. (0,3)

### ART 172-3 INTRODUCTION TO SCULPTURE II (F)

A continuation of Art 171-3. (0,3)

### ART 173-3 CREATIVE PHOTOGRAPHY I (S)

Topics covered are pictorial composition, film processing, reduction and intensification, contact printing and enlarging, toning of prints, the use of filters and flash, finishing and displaying prints.

### ART 174-3 CREATIVE PHOTOGRAPHY II (F)

A continuation of Art 173-3. (0,3)

### ART 261-3 ADVANCED DESIGN I (F)

This course is designed for students who wish to enlarge and develop their own personal sense of imagery in a variety of media. Students must have completed the Design Fundamentals course, Art 101-102, or the equivalent.

Prerequisite: Art 101-3, 102-3. (0,6)

### ART 262-3 ADVANCED DESIGN II (S)

A continuation of Art 261-3.

Prerequisite: Art 261-3 (0,6)

### ART 271-3 TEXTILE DESIGN I (F)

Students will undertake handling of design problems oriented to an investigation of dye techniques on cellulose fibres. For example, batik and tie dye using natural and commercial dyes on cottons, linens and silks, etc. (1,5)

### ART 272-3 TEXTILE DESIGN II (F)

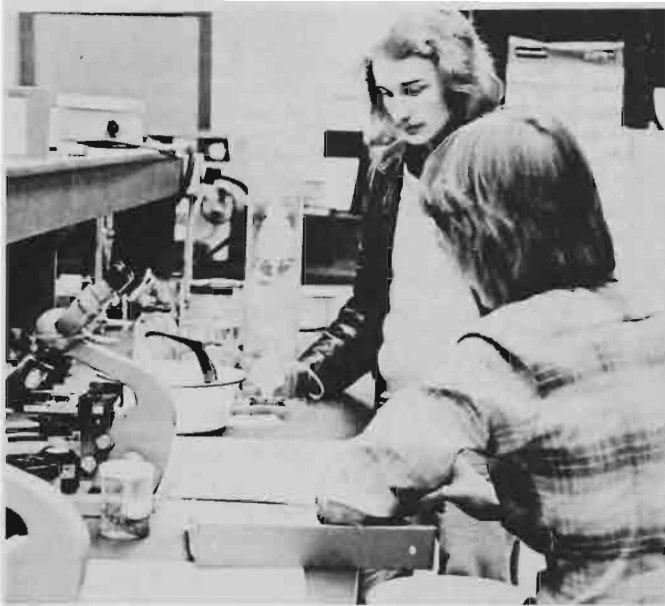
Students will undertake design problems, either on or off the loom weaving in 2 or 3 dimensions. The course will include spinning and dyeing. (1,5)



## BALLET

### BAL 151-1 PREPARATIVE BALLET (F,S)

A systematic program of instruction in the classic ballet movement. The advanced student will study modern Jazz dance. The course will accommodate beginners and others in six sections. The College Certificate in Preparative Ballet will be awarded upon completion of six semester's work. This award is contingent upon the instructor's recommendation, and is granted irrespective of section attained. (1,0)



## BIOLOGY

### BIO 101-3 INTRODUCTORY BIOLOGY I (F)

Topics discussed in this course include the role of science in society, the geological history of the earth in relation to life, the development of evolutionary theory and genetics. Further, taxonomy, the diversity of organisms and various aspects of social organizations are studied.

Prerequisite: Biology 11 recommended. (3,3)

### BIO 102-3 INTRODUCTORY BIOLOGY II (S)

This course examines the properties of atoms and molecules, cellular respiration, photosynthesis, embryonic development, hormones and physiological mechanisms.

Prerequisite: Biology 11 recommended. (3,3)

### BIO 103-3 BIOLOGY FOR NON-MAJORS I (F)

A general biology course, less rigorous than Biology 101-3, and intended for those students not majoring in biology. Topics studied are classical and modern genetics, origin of life and evolutionary theory, taxonomy, ecological relationships, and animal behaviour. (3,3)

### BIO 104-3 BIOLOGY FOR NON-MAJORS II (F)

Similar in intent to Biology 103. Topics covered are the cell theory, anatomy and physiology of plants and animals, embryology, and metabolic cycles. (3,3)

### BIO 161-3 HUMAN ANATOMY AND PHYSIOLOGY

An introductory survey of the structure and function of the organs of man. Laboratory exercises will be closely integrated with the lectures to emphasize the obversity of form and function. (3,3)

### BIO 201-3 CELL STRUCTURE (F)

This course acquaints the student with facts and theories of physical and chemical aspects of cell structure. Additional topics discussed include cell events (mitosis, meiosis, etc.) and experimental techniques.

Prerequisites: Biology 101-3, 102-3 or Biology 103-3, 104-3. Chemistry 101-3, 102-3 or Chemistry 103-3, 104-3. (3,0)

**Note:** A corequisite of second year chemistry is recommended for students in Biology 201-3.

### BIO 202-3 CELL CHEMISTRY (S)

An introductory course dealing with the chemical basis of life. This course emphasizes basic life processes; energy concepts, energy conversion, transfer, and storage. Cell structures are discussed from the standpoint of their roles in all aspects of energetics.

Prerequisite: Biology 201-3. (3,0)

**Note:** A corequisite of second year chemistry is recommended for students in Biology 202-3.

## BUSINESS

### **BUS 101-3 ACCOUNTING** (F)

An introduction to income determination for accounting purposes including a review of various balance sheet accounts and their relationship to the income statement. Financial statement presentation and analysis are also considered. Students planning to transfer to Commerce at U.B.C. must take this course in their second year. (3,0)

### **BUS 103-3 FUNDAMENTALS OF BUSINESS I** (F)

This course deals with the business environment (with emphasis on the role of governments), forms of business organization (the proprietorship, partnership, and corporation), bankruptcy, the finance function in business and organizational structure. The student is introduced to the case method and is given an opportunity to develop and apply analytical ability through preparations, presentations, and discussions. Students planning to transfer to Commerce at U.B.C. must take this course in their second year. (2,2)

### **BUS 151-3 ACCOUNTING I** (F)

This introductory subject covers the fundamental concepts and techniques of the accounting process in proprietorships and corporations. Emphasis is placed upon the flow of information through the business and its relation to various functional areas. All material is integrated with case studies. (2,1)

### **BUS 152-3 ACCOUNTING II** (S)

This course concentrates on the analysis of the major balance sheet accounts—assets, liabilities, equity accounts and their relationship to the income statement. While not a prerequisite a student should preferably have successfully completed Business 151 or an equivalent course. All material is integrated in a major case study. (2,2)

### **BUS 153-3 BUSINESS FUNDAMENTALS I** (F)

The student is introduced to the area of business and to the environment in which it functions. In sequence, the course deals with the business environment (with emphasis on the role of governments), forms of business organization (the proprietorship, partnership and corporation), bankruptcy, the finance function in business and organizational structure. Selected readings from various texts and the **Financial Post** are utilized extensively. The student is introduced to the case method and is given an opportunity to develop and apply analytical ability through preparations, presentations, and discussions. (2,2)

### **BUS 154-3 BUSINESS FUNDAMENTALS II** (S)

An introductory course involving the areas of marketing, personnel, and production. The student is expected to develop an understanding of each area and of the major concepts and principles discussed. Readings and cases. (2,2)

### **BUS 155-3 BASIC ADMINISTRATION FOR MUNICIPAL OFFICIALS**

An introduction of the organization of government in Canada at the federal, provincial and municipal levels. Included are a review of the principles of confederation, government structures, some basic concepts of public administration and administrative law.

### **BUS 156-3 BUSINESS PROCEDURES** (S)

Introduction to business in Canada. The course recognizes the need for a thorough knowledge of the conduct of business in our society with emphasis on the legal, financial and organizational aspects of commercial and industrial enterprise in the Canadian Environment. (3)

### **BUS 158-3 CONSTRUCTION BUSINESS**

The study of principles of business management covered in Business 153-3 are continued and related to systems used in the Construction Industry. The necessity of proper planning, cost control methods, types of business organizations and procedures necessary to operate a business successfully. Developing construction cost estimates from bids, purchasing of building sites and property. (3,0)

### **BUS 161-3 MUNICIPAL LAW** (S)

The B.N.A. Act; the Government of Canada — The Executive, the Legislative and the Judiciary; Provincial Government; Municipal Government. The Municipal Law, as it applies in B.C. (3,0)

### **BUS 163-3 GENERAL BUSINESS LAW** (F)

A general survey of business law with emphasis on contract law, the contract of sale, bailment, principal and agent, the contract of employment, and negotiable instruments. (3,0)

### **BUS 164-3 INDUSTRIAL RELATIONS** (S)

An analysis of the management of human resources, emphasizing an understanding of human behavior and the development and application of industrial relations in Canada. (2,1)

### **BUS 251-3 INTERMEDIATE ACCOUNTING I** (F)

More emphasis is placed upon the theoretical aspects of the accounting

process. The accounting system as a whole is analyzed as means of external financial reporting.

Prerequisite: Business 152 or equivalent. (2,2)

### **BUS 252-3 INTERMEDIATE ACCOUNTING II** (S)

More emphasis is placed upon the theoretical aspects of the accounting process. The accounting system as a whole is analyzed as means of external financial reporting. This course is a continuation of Intermediate Financial Accounting II. (2,2)

### **BUS 253-3 COST ACCOUNTING I** (F)

This course helps the student develop a basic understanding of accounting for management. Emphasis is placed on planning and control, and product costing techniques particularly job order costing and process costing under both full and variable cost approaches. (2,2)

Prerequisite: Business 151-3, Business 152-3. (2,2)

### **BUS 254-3 COST ACCOUNTING II** (S)

A continuation of Business 253, this course is concerned with standard costing including the setting of cost standards and the analysis of variances. It would be preferable for a student to have taken Business 253. (2,2)

### **BUS 255-3 MANAGEMENT** (S)

An analysis of managerial functions. The course begins with a discussion of the functions and importance of management, followed by a comprehensive treatment of the planning function (including the defining of objectives, the assessment of resources and the determination of appropriate policies). In sequence, the course then examines the functions of organizing, staffing, directing, and controlling. The application of concepts is emphasized through extensive case preparations and discussions. (2,2)

### **BUS 257-3 FINANCIAL MANAGEMENT I** (F)

An introduction to and application of financial tools to analyze the internal operations of the business enterprise through the objective of measuring performance and assisting management decision-making. Topics discussed are ratio analysis, budgeting, break-even analysis, and a review of current and fixed asset management. (2,2)

Prerequisite: Second year standing, including an introduction to capital budgeting. (3,0)

### **BUS 258-3 FINANCIAL MANAGEMENT II** (S)

Sources and forms of short-term and long-term financing for both large and small businesses are studied. While not a prerequisite, the student may benefit more from this course if he has taken Financial Management I. (3,0)

Prerequisite: Second year standing. (3,0)

### **BUS 259-3 INTRODUCTORY MUNICIPAL FINANCE**

Basic principles of municipal finances and funding, emphasizing differences from normal business financial principles. Students not familiar with basic accounting concepts and techniques will be required to complete a qualifying course before commencing this course.

### **BUS 267-1 PUBLIC RELATIONS** (F)

The essential topics in this course are the development and discussion of management and supervisory skills, methods by which the private, public and corporate structures relate to people, the media and factors affecting management-employee relations. (1,0)

### **BUS 268-1 INDUSTRIAL RELATIONS** (S)

This course covers the history of unions in the B.C. Forest Industry, the structure and function of the International Woodworkers of America and the Teamsters Unions, Union-management agreements and relations, negotiations, arbitrations, and strike action. Union membership and promotion of good safety practices are also important topics. (1,0)

### **BUS 271-3 MARKETING I** (F)

An introduction to the marketing function of the firm and basic marketing concepts. The course then examines the following topics: marketing research, consumer motivation and behaviour, product planning and development, and distribution. Throughout the course, emphasis will be placed upon the application of concepts and perspectives to selected marketing cases. (2,2)

Prerequisite: Second year standing or instructors permission. (2,2)

### **BUS 274-3 HUMAN PROBLEMS OF MANAGEMENT** (F)

The course is involved primarily with the human problems of business organizations. The perspective is that of individuals who must function in the context of the organization, and the following topics are discussed at length: Human needs, job satisfaction and the job, work groups, methods of motivating people, delegation, authority, communication, discipline, and the introduction of change. Case discussions of personnel problems in business are stressed throughout. (2,2)

Prerequisite: Second year standing or permission of instructor. (2,2)

**BUS 275-3 PERSONNEL ADMINISTRATION (S)**

This course discusses first the organization of business and its implications for people within the business. The greater part of the course is involved with the various elements of personnel administration and the following topics are examined: manpower planning, recruitment and selection, training and development, evaluation, promotions and transfers, wage and salary administration, incentive systems, safety, and service and benefit programs. (2,2)

**BUS 282-3 MARKETING II (S)**

An in-depth examination of pricing policy, promotional policy, advertising policy, and the management of personal selling. Following this section, the course then examines the marketing of services and international marketing (with an emphasis on resource Marketing). The course concludes with an examination of overall marketing policy determination and methods of evaluating marketing programs. The discussion of marketing cases is an integral part of the course.

Prerequisite: Business 271-3. (2,2)

**CHEMISTRY****CHEM 101-3 FUNDAMENTALS OF CHEMISTRY I (S)**

This course includes thermodynamics, a quantitative discussion of equilibria and ionic solutions, and reaction kinetics.

Prerequisite: Chemistry 12. (3,3)

**CHEM 102-3 FUNDAMENTALS OF CHEMISTRY II (F)**

A discussion of modern bonding theories and applications to molecular structure, followed by an introduction to organic chemistry and biochemistry.

Prerequisite: Chemistry 12. (3,3)

**CHEM 103-3 INTRODUCTION TO CHEMISTRY I (F)**

Topics are stoichiometry, periodic table, basic thermodynamics, equilibrium calculations and electrochemistry. (3,3)

**CHEM 104-3 INTRODUCTION TO CHEMISTRY II (S)**

A continuation of Chemistry 103-3, this course includes quantum theory of bonding, reaction kinetics, organic chemistry and biochemistry.

Prerequisite: Chemistry 103-3. (3,3)

**CHEM 201-3 PHYSICAL INORGANIC CHEMISTRY I (F)**

A discussion of the first, second and third laws of thermodynamics which leads to equilibria and equilibrium thermodynamics of solutions. Reaction kinetics are also discussed.

Prerequisite: Chemistry 101-3 and 102-3 or 103-3 and 104-3. (3,3)

**CHEM 202-3 PHYSICAL INORGANIC CHEMISTRY II (S)**

A discussion of the chemistry and structure of coordination compounds, followed by an introduction to quantum chemical techniques and their application to organic and inorganic molecules.

Prerequisites: Chemistry 102-3 or Chemistry 104-3. (3,3)

**CHEM 203-3 ORGANIC CHEMISTRY I (F)**

Basic principles of organic chemistry, including reaction mechanisms and structural organic chemistry. Practical work in spectroscopy and gas chromatography are included.

Prerequisites: Chemistry 102-3 or Chemistry 104-3. (3,3)

**CHEM 204-3 ORGANIC CHEMISTRY II (S)**

A continuation of Chemistry 203-3.

Prerequisite: Chemistry 203-3. (3,3)

**C.N.C. STUDY SKILLS****C.N.C. 151-2 NOTE TAKING (F,S)**

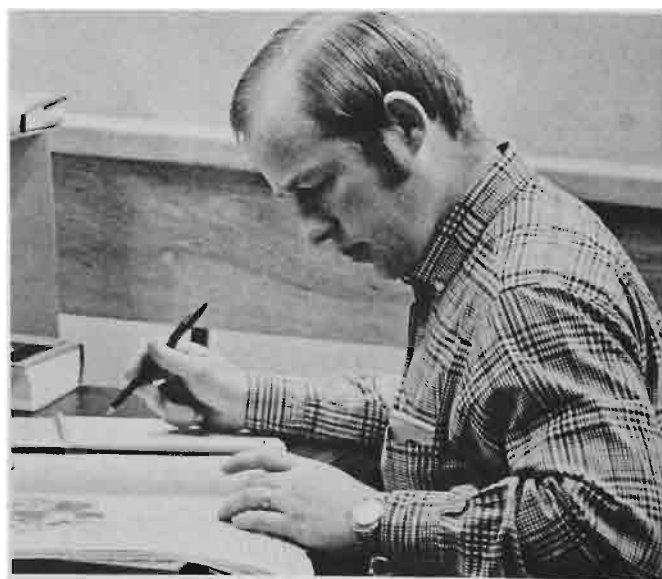
This program aims at developing a systematic habit of listening, an organized method of note taking and note review as well as a strengthened sense of the structure of communication. (2,0)

**C.N.C. 152-2 WRITING SKILLS (Research and Essay)**

This two credit course is designed to meet the needs of students who experience difficulty in expressing ideas in essay or research form. The areas covered include methods of essay organization and skills needed to do efficient research. Students are encouraged to bring specific research problems to the tutorial. The desire for clear, concise, factual content in essay writing is stressed. Instructors may refer students to this course and assign topics which may be used to meet the requirements of both this course and their own. (2,0)

**C.N.C. 153-3 SPEED READING (F,S)**

This course enables the student to increase his rate of reading and comprehension. This is a proven College Program that utilizes technical and non-technical material. (3,0)



# CONSTRUCTION

## CONS 150-3 INTRODUCTION TO THE CONSTRUCTION INDUSTRY

This course will be primarily field trips and visits to many types and sizes of construction projects. The purpose is to expose students to the many diversified areas in the construction business so that they can relate their course of studies to the practical application. Tours will include the offices and shops of subtrades, supply houses and architects offices. Students will be required to submit reports on each of these trips which will be graded for material content and grammar construction as part of the English 151-3 course. (3,0)

## CONS 151-3 MATERIALS AND APPLICATIONS I (F)

In order to plan and supervise a construction job, a person must have a detailed knowledge of the materials which are used in today's industry, their costs, and how they are used. This course examines soil, concrete, aluminum and various other materials, their composition and their applications on the job site. (2,2)

## CONS 152-3 MATERIALS AND APPLICATIONS II (S)

The use of steel, wood, masonry, plastic, and glass in the construction trade is studied. Fire safety, standards for materials, testing and code rulings on material standards are discussed. This course should round out the student's ability to exercise proper control on the job. (2,2)

## CONS 161-3 CONSTRUCTION SCIENCE I (S)

A study of the laws of physics that are involved in erecting large buildings, bridges and other construction. Studies will include motion, dynamics, energy, hydrostatics, gravity, kinetic theory and thermodynamics.

Prerequisites: Mathematics 11, Physics 11 or permission of instructor. (3,0)

## CONS 162-3 CONSTRUCTION SCIENCE II (S)

The laws of physics studied in Cons. 161 are related to their practical application in the building field. The factors effecting heat, cold, insulation, humidity, air conditioning, acoustics and sound barriers, types of corrosion, laws of electricity as applied to lighting and heating.

Prerequisite: Construction 161-3 or permission of the instructor. (3,0)

## CONS 181-3 ROAD AND EXCAVATIONS (S)

General study of the principle involved in building access roads to construction projects. The methods and materials used in road construction, excavation techniques, cribbing and shoring survey methods.

## CONS 261-3 ESTIMATING AND BIDDING I (F)

This course deals with basic fundamentals of building construction estimating (material and labour); the use of quantity take-off sheets and preparation of a general estimate. This course will integrate knowledge and understanding gained during the first two semesters of the Construction Management Program. (3,1)

## CONS 262-3 ESTIMATING AND BIDDING II (S)

This course applies the techniques learned in Construction 261-3, the previous semester to prepare a relatively large construction project estimate. The results of this estimate will be used to prepare and submit a bid in accordance with the present practices in the industry. (3,1)

## CONS 270-3 SUMMER ESSAY (S)

A report on the summers work experience will be required by those entering the 3rd semester. A report outline will be discussed in detail with the students prior to the end of the 2nd semester.



## CONS 271-3 CONSTRUCTION STRENGTH AND DESIGN (F)

An introduction to the field of strength of materials and structural analysis. Topics will include a definition of stress and strain, typical stresses due to common load types, distribution of loads through a few typical structure types and loads converted to stresses for simple structural members. The course is not aimed at producing designers or engineers, but rather at providing an awareness of the magnitude and complexities of the designer's problems. (3,1)

## CONS 274-3 CONSTRUCTION SCHEDULING (S)

This course is designed to show the students the sequence of events that take place during construction projects. The methods used to set up a schedule for the various activities will be explained. Several different major construction projects will be studied and schedules of activities will be drawn up by the students. (3,1)

## CONS 281 ROADS AND EXCAVATION II (S)

A deeper and more detailed study of the subject matter covered in Construction 181. This course is provided for students who anticipate working on large projects such as dams, bridges, etc. and covers types of construction not included in other courses.

## CONS 282-3 CONSTRUCTION PROBLEMS (S)

During a construction project, many problems arise to test the ingenuity of the site manager. During this course many of these problems, including excessive rain, snow, very cold temperatures, difficult access and unusual terrain will be discussed. Considerable time will be devoted to the study of case histories. (3,1)

## CONS 283-3 CONSTRUCTION EQUIPMENT (F)

This course is to introduce the types of power tools and equipment that can be used for various kinds of construction work. It will consider the economics involved in using power equipment, the capacities and limitation of machines and operating conditions. (3,0)

## CONS 284-3 BUILDING SERVICES (S)

This includes the services that the general contractor supplies such as water, sewage and drainage and the building services that are done by the electrical and mechanical trades - wiring, heating and air conditioning, plumbing and refrigeration, painting and decorating, roofing, and others applicable to the type of building. (3,0)





## CRIMINOLOGY

### CRIM 153-3 ORGANIZATION OF POLICE AND CORRECTIONAL SERVICES

The evolving role of police in crime prevention and protection of life and property on municipal, city, provincial and federal correctional agencies. The role of probation, institutions, parole and after care in the rehabilitation of the offender. (3,0)

### CRIM 155-3 LAW ENFORCEMENT AND COMMUNITY RELATIONS

This course will further the understanding of policemen and correctional personnel of the attitudes, skills and knowledge required for fulfilling leadership roles in the community, and assist them to communicate better their function to citizens. Technique of coping with persons under stress, with suspicions and hostility. (3,0)

### CRIM 161-3 CANADIAN LEGAL SYSTEM

Law at the national level: basic premises, role of the Commons and the Courts, lawyers and peace officers; provincial legal systems: origins, differences and similarities, the role of the legislature, provincial courts, peace officers and lawyers; the relationship between these and offenders, and rehabilitative personnel. (3,0)

### CRIM 171-3 CANADIAN PUBLIC ADMINISTRATION

The role and image of the public service in Canada, how it functions at the national, provincial and municipal levels; the importance of this professional body to the implementation of policy and how it may affect the development of policy; the relationship between correctional and enforcement services and other major segments in public administration. (3,0)

## EARLY CHILDHOOD EDUCATION

### ECE 151-3 HUMAN DEVELOPMENT (F,S)

The study of human development from conception to adulthood. All areas of development are covered (physical, mental, social, and emotional). Influences on development as well as disturbances in development are discussed. (3,0)

### ECE 153-3 PARENT-SUPERVISOR RELATIONS (S)

A study of how home, children's centre and community work together to foster the child's development. Emphasis is given to communication between supervisor and parent.

Prerequisites: ECE 151-3, 154-3. (3,0)

### ECE 154-3 PHILOSOPHY OF EARLY CHILDHOOD EDUCATION (F)

This course emphasizes the importance of the child's early years of development. Education of young children past and present is discussed and modern theories of preschool education are presented. Curriculum and planning for the modern preschool and teaching in preschool today form part of the student's activities. (3,0)

### ECE 165-4 PROGRAM DEVELOPMENT (S)

The student becomes actively involved in the development of the daily program for a children's centre. Areas studied are art, music, science, and literature.

Prerequisite: Early Childhood Education 154-3. (4,3)

### ECE 170-3 OBSERVING AND RECORDING (F,S)

Directed observation of young children as they grow and develop in day care centres, nursery schools, and kindergartens. (0,8)

### ECE 190-6 PRACTICUM I (S)

Practical experience in working with young children under the guidance of qualified supervisors.

Prerequisites: Early Childhood Education 151-3, 154-3. (2,12)

### ECE 251-3 FAMILY IN SOCIETY (S)

A study of the family as a social group. Discussions of roles of family members, differences among social classes, changes in the family due to parents aging and children growing. Emphasis is on the present-day Canadian family.

Prerequisite: Second year standing. (3,0)

### ECE 252-3 INFANT DEVELOPMENT (F)

A detailed study of the human from conception through the second year. Influences on development are studied both during the pre and post natal periods. Special emphasis is given to the social and emotional needs of the child.

Prerequisite: Early Childhood Education 151-3. (3,0)

### ECE 253-2 EXCEPTIONAL CHILDREN (S)

Discussion of programs for children with motor, mental or emotional problems and special techniques used in these programs and understanding of special characteristics of the children. Observation of special programs in the region is part of this course.

Prerequisite: Second year standing. (2,0)

### ECE 254-2 SUPERVISION (S)

Students review the operation of a preschool from the administrator's point of view and examine how to order materials and equipment, and study how staff of a centre must work together for a smooth and pleasant operation.

Prerequisite: Second year standing. (2,0)

### ECE 261-2 CREATIVE EXPERIENCES FOR YOUNG CHILDREN (F)

A seminar in fostering creativity in the early childhood curriculum. Principles and practices which develop creativity in areas of art, music, science, creative dramatics, social sciences, language, etc., will be explored with a workshop approach. (2,0)

### ECE 263-3 PLAY AS A WAY OF LEARNING (F)

An experimental approach to the analysis of play's role in the learning process. Emphasis will be on merging theory and research with the real life play experiences of young and old alike. (3,0)

### ECE 272-2 HEALTH (F)

A study of the health of the young child as related to diet and childhood diseases. First aid for the child care worker is also included. (2,0)

### ECE 273-2 NUTRITION (F)

A basic study of nutrition with emphasis on the needs of the young child as well as menu planning for a children's centre. (2,1)

### ECE 282-3 SEMINAR IN E.C.E. (S)

Discussion of behavior of young children and ways of dealing with their behavior. Emphasis is placed on positive techniques for use in the classroom and at home.

Prerequisite: Second year standing. (3,0)

### ECE 291-6 PRACTICUM II (F)

Practical experience of working with young children under the guidance of qualified supervisors. 180 hours. (2,12)

### ECE 292-6 PRACTICUM III (S)

Practical experience of working with young children under the guidance of qualified supervisors. 180 hours. (2,12)



## ECONOMICS

### ECON 101-3 INTRODUCTION TO ECONOMICS (F)

This course acquaints students with the basic concepts and vocabulary of economics. Areas of study include money, inflation, full-employment, investment, business cycles, pricing and costs. (3,0)

### ECON 102-3 CANADIAN ECONOMICS ISSUES (S)

This course reviews current issues. Some of the topics are taxation, governmental economic policies, domestic and foreign investment, foreign trade problems and labor. Readings in current periodicals, publications of the Economic Council of Canada, current statistical publications, and other assigned readings form part of the material in this course.

Prerequisite: Economics 101-3 or permission of the instructor. (3,0)

### ECON 151-3 INTRODUCTION TO ECONOMICS (F)

This course acquaints students with the basic concepts and vocabulary of economics. Areas of study include money, inflation, full-employment, investment, business cycles, pricing and costs. (3,0)

### ECON 152-3 CANADIAN ECONOMIC ISSUES (F)

This course reviews current issues. Some of the topics are taxation, governmental economic policies, domestic and foreign investment, foreign trade problems and labor. Readings in current periodicals, publications of the Economic Council of Canada current statistical publications, and other assigned readings form part of the material in this course.

Prerequisite: Economics 151-3 or permission of instructor. (3,0)

### ECON 201-3 PRINCIPLES OF ECONOMICS-MACROECONOMICS (F)

This course explores the forces affecting an economy. The motivations and interactions of households, the business sector, government, and foreign sectors are emphasized. The role of money in a modern economy is dealt with at length.

Prerequisite: First year Math. (3,0)

### ECON 202-3 PRINCIPLES OF ECONOMICS-MICROECONOMICS (S)

An examination of the concepts in the words "demand and supply". Components of demand by both firms and households are analyzed. A theory of pricing in different market structures is developed in conjunction with the derivation of costs to firms.

Prerequisite: First year Math. (3,0)



## ELECTRONIC DATA PROCESSING

### EDP 151-3 DATA PROCESSING FUNDAMENTALS (F)

This course introduces the student to data processing. It starts with a historical preview of the development of data processing from manual methods through automated methods to the present electronic methods and includes a description of machinery used in card-oriented systems and modern computer systems. Systems analysis, flowcharting, and program design are briefly reviewed. (2,1)

### EDP 152-3 COMPUTER PROGRAMMING I (S)

An introduction to the principles of programming using the IBM 1130 computer. The course includes machine language and symbolic language as well as a high level language with emphasis on "hands on" experience on the computer. Flow charting, coding, debugging and documenting simple applications will be included. (2,2)

### EDP 155-1 FORTRAN FOR TECHNICIANS I (F)

An introduction to the computer, machine operation and data processing techniques. Flowcharting and problem definition are described leading to programming in the Fortran language. Several programs directed to problem solving for the particular technology will be given to teach the language and to illustrate the capability of the computer. (1,1)

### EDP 156-2 FORTRAN FOR TECHNICIANS II (S)

A continuation of EDP 155-1. (1,1)

### EDP 157-2 INTRODUCTION TO DATA PROCESSING FOR MEDICAL LAB TECHNOLOGISTS (S)

Data processing functions are taught and practised upon unit record equipment. Computer programming fundamentals, flowcharting and systems design are taught and small programs are written and tested. (2,0)

### EDP 161-3 DATA PROCESSING AND SYSTEMS AND PROCEDURES (F)

A review of accounting and other systems used in municipal government; a study of procedures and forms required to be submitted for government and public examination. An introduction to automated accounting and other systems, this course will enable the student to comprehend and explain the purposes and functions of a variety of municipal reporting systems.

### EDP 251-3 PROGRAMMING II (F)

The programming of a computer is done generally by use of a high level language and this is translated by a compiler into the basic machine language. The languages offered this semester are 1130 assembler and Fortran. Fortran is generally thought of as being a scientific language although, as will be shown, it can be used as a business data processing language too. (3,3)

### EDP 252-3 PROGRAMMING III (S)

The commonly used computer language is COBOL. (Common Business-Oriented Language). The student learns this language by writing several programs. Students will also be exposed to the concept of an operating system through an investigation of the 1130 J.C.L. (Job Control Language). (3,3)

### EDP 253-3 SYSTEMS ANALYSIS (F)

An introduction to computer systems design and basic systems analysis techniques. Beginning with punched card computer applications for standard accounting and statistical functions the student practices systems investigation, systems flow charting, forms design and card design. Prerequisites: EDP 151-3 and 152-3. (2,2)

### EDP 254-3 SYSTEMS DESIGN (S)

Techniques of systems analysis including gathering data, systems design, flow charting, documentation procedures, form and record design, controls and audit trails. The student solves business and statistical problems using both magnetic tape and magnetic disc storage devices. Implementation procedures and standards and evaluation of the new system are included. Prerequisite: EDP 253-3. (2,2)

### EDP 255-3 BUSINESS USES OF THE COMPUTER (F)

This practical course illustrates how computers are acquired and used in business or technology. Characteristics of machines and systems are examined so as to evaluate computers for installation and develop techniques for feasibility studies. (1,2)

### EDP 256-3 MANAGERIAL APPLICATIONS OF THE COMPUTER (S)

Increasingly, management utilizes the computer to apply modern methods of analysis to business problems. In this course we will examine advanced applications through the use of preprogrammed software packages. Discussion will include the basic theory of such innovative techniques as PERT-CPM, Linear Programming Simulation, and statistical analysis. Lab assignments will add to the student's comprehension of these topics. (1,2)

## ENGLISH

### ENGL 101-3 LITERATURE AND COMPOSITION I (F)

A study of the 20th Century short story and drama, and a consideration of current language practices together with a program of writing. (3,0)

### ENGL 102-3 LITERATURE AND COMPOSITION II (S)

Reading of 20th Century poetry and novels; a study of the principles of composition; and a program of student writing. (3,0)

### ENGL 103-3 COMPOSITION AND STYLE (F,S)

A study of the principles of essay writing and modern prose styles. (3,0)

### ENGL 151-3 EFFECTIVE COMMUNICATION I (F)

Students are involved with various aspects of communications on both the practical and theoretical levels. Emphasis is placed on the development of effective speaking and writing skills, with an additional concern for communications theory, mass media study, advertising techniques, contemporary literature (short stories, poetry, plays, essays). Student participation is stressed. (3,0)

### ENGL 152-3 EFFECTIVE COMMUNICATION II (S)

Mass media, advertising techniques, etc. As well, the student is required to write essays and present one major research project. One contemporary novel and one play will be studied in detail.

Prerequisite: English 151-3. (3,0)

### ENGL 154-3 APPLIED COMMUNICATIONS

This course provides practical experience in applying rhetorical skills to communication situations on the job.

Topics include persuasion and motivation strategies; conduct of and participation in business meetings; group leadership skills; the arts of listening and observation; various types of internal and external business communications.

### ENGL 163-3 JOURNALISM I (F)

This course deals with the study of style and composition as it applies to contemporary journalism. (3,0)

### ENGL 164-3 JOURNALISM II (S)

A continuation of Journalism I. (3,0)

### ENGL 165-3 CREATIVE PRINTING I (F)

English 165 is a workshop course designed to acquaint the student with the principles and fundamentals of letterpress printing. (0,3)

### ENGL 166-3 CREATIVE PRINTING II (S)

A continuation of English 165-3. (0,3)

### ENGL 201-3 ENGLISH LITERATURE, 1350-1688 (F)

A survey of English Literature from Chaucer to Milton based on a selection of poetry from major authors. Students are asked to submit at least three essays on literary topics.

Prerequisites: Two of English 101-3, 102-3, 103-3. (3,0)

### ENGL 202-3 ENGLISH LITERATURE, 1688-1900 (S)

A survey of English Literature from Dryden to Hopkins based on a selection of works from major authors. Students will submit at least three essays on literary topics.

Prerequisites: Two of English 101-3, 102-3, 103-3. (3,0)

### ENGL 203-3 CANADIAN LITERATURE I (F)

An introduction to the study of Canadian Literature involving writers from the beginning to the 1940's. Journals, poetry, fiction and satire will be included.

Prerequisites: Two of English 101-3, 102-3, 103-3 or English 151-3 and 152-3. (3,0)

### ENGL 204-3 CANADIAN LITERATURE II (S)

A study of the development of poetry, fiction, drama, essays, biography and satire from 1940 to the present.

Prerequisites: Two of English 101-3, 102-3, 103-3 or English 151-3 and 152-3. (3,0)

### ENGL 205-3 CREATIVE WRITING I (F)

This workshop course is for students with a special interest in original creative expression. Students will submit their own written work (poems, short stories, or plays) for class discussion and comment.

Prerequisite: Permission of Instructor. (3,0)

### ENGL 206-3 CREATIVE WRITING II (S)

A continuation of English 205-3.

Prerequisite: Permission of Instructor. (3,0)

### ENGL 211-3 SHAKESPEARE: COMEDIES AND HISTORY PLAYS (F)

A detailed study of some of Shakespeare's major comedies and history plays. Students will be required to submit at least two essays. (3,0)

### ENGL 212-3 SHAKESPEARE: TRAGEDIES AND LAST PLAYS (S)

A detailed study of some of Shakespeare's major tragedies and last plays. Students will be required to submit at least two essays. (3,0)

### ENGL 251-3 TECHNICAL WRITING (S)

A workshop course concentrating on the fundamentals of good report writing, especially on the organization and style of the technical report. (3,0)

### ENGL 263-3 JOURNALISM III (F)

A definitive study of all the aspects of journalism. Writing will be considered as an art, as a means of self-realization and as a profession. (3,0)

### ENGL 264-3 JOURNALISM IV (S)

A continuation of English 263-3. (3,0)

## FORESTRY

### FOR 150-3 INDUSTRIAL ORIENTATION I

A two week program in which the student will work directly under the supervision of company foresters, in any of the communities within the region. Experience will be gained in slash burning, planting, survival studies, cruising, logging and road layout, or any other practices required by industry and the Forest Service.

### FOR 153-3 FOREST PRODUCTS I (F)

Sawmilling and pulping are the major units in this course. The sawmilling section includes; log quality control, barking, cut off saws, headrigs, edgers, trimmers, dry kilns, planer, lumber storage, grading, packaging, shipping and marketing. The Kamy sulfate pulping process will be studied in detail. The sulfite, soda, hydrogen sulfide, ground wood and refiner pulping processes will also be discussed. (2,2)

### FOR 154-3 FOREST PRODUCTS II (S)

This course covers the manufacture of paper, veneer, plywood, shingles, shakes, particle boards, and other specialty products. (2,2)

### FOR 155-3 FOREST SCIENCE (F)

This course introduces the student to; botany and the basic principles of Forestry including the statistics of the industry, structure of both the Forest Service and the private sector and the management of forests. (2,2)

### FOR 156-3 FOREST SCIENCE II (S)

Dendrology, the minor forest vegetation, range management, logging practices and logging history are the essential topics in this course. (2,2)

### FOR 161-3 FOREST MEASUREMENTS I (F)

Forest Measurements I is a field-oriented course involving the theory and practice of forest sampling and log scaling procedures, the study of surveying instruments and the development of skills in their use. Mapping and drafting are important. The construction and use of tables and graphic techniques both for reference and summarization of data is emphasized. (3,3)

### FOR 162-3 FOREST MEASUREMENTS II (S)

Forest Measurements II includes statistics for their application to control sampling error, methods of volume compilation, computer analysis of data, and field procedures. The importance of accurate report-writing is stressed.

Prerequisite: Forestry 161-3. (3,3)

### FOR 165-3 FIRE CONTROL I (F)

This course introduces fire behavior as it is affected by weather, topography, and fuel types. Methods of measuring these variables are studied in order to understand fire hazard and fire danger rating systems. Slash-burning, use of fire pumps, and basic suppression will also be covered. The fire simulator will be used to demonstrate fire behavior. (2,2)

### FOR 166-3 FIRE CONTROL II (S)

The course covers suppression techniques, including use of water, bulldozers, and aircraft, initial attack, and fire crew organization. Detection of fires and suppression planning will also be presented. Fire suppression methods are studied through simulation exercises.

Prerequisite: Forestry 165-3. (2,2)

### FOR 171-3 PHOTOGRAMMETRY I (F)

Photogrammetry involves the interpretation of information from aerial photographs. The mathematics necessary to read distances, areas and tree-heights, forms a major part of the course. Mapping and the specialized instruments required for this purpose are studied. The development of drafting skills is also emphasized. (1,3)

### FOR 172-3 PHOTOGRAMMETRY II (S)

Photogrammetry II emphasizes the use of photographs in mapping, volume estimation, logging layout, and forest protection. Drafting skills are further developed.

Prerequisite: Forestry 171-3. (1,3)

**FOR 173-2 FOREST DRAFTING I** (F)

This course introduces the student to: basic drafting skills, printing, the use of lettering guides and symbols, mapping for logging production, and the use of photographs for up dating maps. (0,2)

**FOR 174-2 FOREST DRAFTING II** (S)

Three main drafting assignments involving logging layout, road profiling and bridge design will be given in the second term. This course is developed to compliment the Photogrammetry course which is taught concurrently.

Prerequisite: Forestry 172-3 (0,2)

**FOR 181-3 BASIC FOREST MANAGEMENT** (F)

Students will be instructed in the methods by which a forest is established and protected during its growth to maturity and how it is harvested to produce wood and wood products. The organization and operation of a typical forest company and the forest service will be discussed. Surveying, mapping, sampling procedures and engineering practices are also covered. (2,2)

**FOR 182-3 PRACTICAL FORESTRY** (F)

The course will involve the basic elements of forest botany, wood structure, forest pests and parasites and the study of tree diseases. (2,2)

**FOR 183-3 TREE HARVESTING PRACTICES** (F)

Coast and interior logging systems will be studied with particular emphasis on production budgeting, simple cost accounting, and logging costs. This course will include a number of field trips to typical logging operations. (2,2)

**FOR 184-3 SAWMILLING** (F)

By use of field trips, job descriptions, and studies of sawmilling procedures, students will be introduced to the fundamentals of sawmilling. They will also have the opportunity of training for and taking their lumber graders certificate. (2,2)

**FOR 185-3 PULP AND PAPER** (F)

The pulp and paper industry is a highly complex phase of the industry. Students will study the basic process, job descriptions, and will participate in several field trips to three different types of mills, namely, sulphate pulping, newsprint manufacture and groundwood production. (2,2)

**FOR 186-3 VENEER, PLYWOOD AND SPECIALTY PRODUCTS MANUFACTURE** (F)

Plywood and veneer production will form the basis of this course. Specialty products manufacture such as particle board, shingles, shakes and prestologs will be mentioned. (2,2)

**FOR 187-3 FIRE PROTECTION** (F)

The fundamentals of fire protection will be included in this course, such as, weather, fire behaviour and fire suppression. Simulation of actual fires will be obtained by use of a fire simulator, which will give practice in the methods of fire suppression, using fire breaks, bulldozers and water-bombers. (2,2)

**FOR 188-3 INDUSTRIAL EXPERIENCE** (F)

Students will be given the opportunity to observe or work in a wide variety of industrial jobs. These include jobs such as survey assistants, machine operators, jobs in logging, jobs in sawmilling and jobs in pulp and paper or veneer manufacture.

**FOR 189-3 BASIC LOGGING SCHOOL** (S)

To familiarize students with logging practice, in the operation of basic logging equipment and safety in the woods. Emphasis on falling and bucking, skidding, and loading procedures.

**FOR 191-3 FOREST SAMPLING AND SURVEYING PROCEDURES** (F)

This course has been designed for the Extension Forest Technical Diploma course leading to qualification for the first year of the program. The content of the course stresses the theory of surveying and sampling, without the field laboratories. This course is open to extension students only. (3,0)

**FOR 199-3 FIELD STUDIES** (S)

A one week field trip to the coast forest region in Vancouver and Vancouver Island. Reports will be written on any parts of the trip the attending instructor requires. Highlights of the trip will include, research facilities both within the B.C. and Federal governments, forest nurseries, B.C.I.T., U.B.C., coastal logging operations, sawmills, pulp mills and specialty mills.

**FOR 250-3 INDUSTRIAL ORIENTATION II** (F)

Forestry 150-3 and 250-3 are conducted concurrently. Students in the second year will be given supervisory and planning responsibilities.

**FOR 251-3 FOREST MANAGEMENT I** (F,S)

This course is designed to provide the basic concepts and skills per-



taining to the managing of the forest resource of British Columbia. Topics include: history of forest development in B.C., forest tenures, administration of timberlands, utilization standards, forest inventory, sustained yield and allowable cut calculations. The structure and responsibilities of the B.C. and Canadian Forest Services as well as the Forest Act and Regulations will be examined. The students will also study the typical integrated forest complex. (2,2)

**FOR 252-3 FOREST MANAGEMENT II** (S)

The emphasis in the second semester is on integrated resource management. Topics will cover "multiple use" concepts, Canada Land Inventory, and land use planning, hydrology and water resources, fish, wildlife, and range management, recreation, and other land users. These topics will be developed through guest speakers and panel discussions, and will be followed by development of harvesting plans to incorporate "best use" of all resources. Application of basic knowledge of other resources to lessen or prevent damage will be stressed.

Prerequisite: Forestry 251-3. (2,3)

**FOR 253-3 SILVICULTURE I** (F)

Silviculture is the application of basic tree biology to the growing, harvesting, and reproduction of forests. Topics will include regeneration surveys, planting, soils, seed, nursery practices, site preparation, direct seeding, and site assessment. Emphasis will be on basic field skills required to cope with the accelerated reforestation program in B.C.

Prerequisite: Forestry 152-3. (2,2)

**FOR 254-3 SILVICULTURE II** (S)

The second semester will start with the silvics of B.C.'s commercial tree species, followed by basic forest ecology, the ecological classification of B.C. (Krajina's Biogeoclimatic Zones), site indicators, tree improvement, cultural practices, silvicultural systems and recommended silvicultural practices. A two-day course on pesticides will lead to the "Pesticide Applicator Certificate."

Prerequisite: Forestry 253-3. (2,2)

**FOR 255-3 FOREST PESTOLOGY I** (F)

The student will obtain a practical working knowledge of insect and disease agencies which affect forest trees. The first semester will concentrate on the habits and economic significance of the most important insect pests in B.C. Stress will be placed on detection, evaluation of damage, and control measures, including the effects of forestry practices on insect populations.

Prerequisite: Forestry 152-3. (2,2)

**FOR 256-3 FOREST PESTOLOGY II** (S)

The second semester will concentrate on forest diseases, covering causes of diseases, development of infectious diseases, and typical life histories. The most important diseases of British Columbia will be studied, with emphasis on recognition, life histories, and damage. Other topics to be covered are mistletoe, marine borers, pathological indicators of decay, and introduced pests.

Prerequisites: Forestry 255-3. (2,2)

**FOR 261-3 APPLIED SAMPLING PROCEDURES** (F)

Sampling and mapping procedures required to develop industrial operations maps and cruise reports.

Prerequisite: Forestry 162-3. (0,4)

**FOR 262-3 SCALING** (S)

The scaling course will cover scaling procedures used in both the coast and interior of B.C. This involves cubic and weight scaling, water and dry land scaling and bush scaling. The B.C.F.S cubic volume scaling compilations methods form an important part of the course.

Prerequisite: Forestry 152-3. (1,3)

**FOR 270-3 SUMMER ESSAY**

Students entering second year will submit an essay on their summer experience, or failing employment in the forest industry, on a subject authorized by the Forestry faculty. This assignment is due no later than September 30. Specifications for the essay will be discussed with students prior to the conclusion of the first term.

**FOR 281-3 FOREST FINANCE I** (F)

Course content in the first term will be on critical path method of project control, discount cash flow method of evaluation of operating budgets as applied to the forest industries.

Prerequisites: Forestry 152-3 and 162-3. (2,2)

**FOR 282-3 FOREST FINANCE II** (S)

The emphasis will be on understanding financial statements, methods of stumpage appraisals, cost-control, preventative maintenance methods and records.

Prerequisite: Forestry 281-3. (2,2)

**FOR 285-3 ROADS AND TRANSPORTATION I** (F)

Design and construction techniques for logging roads and logging lay-

out with special emphasis on road profiles, road curves, and drainage problems as applied to both the coastal and interior areas of B.C.

Prerequisites: Forestry 162-3 and 152-3 (3,3)

**FOR 286-3 ROADS AND TRANSPORTATION II** (S)

Study of the principles of engineering as applied to Timber Bridge Construction. Economical methods of road construction in earth and rock materials with regard to environmental factors.

Prerequisite: Forestry 285-3 (3,3)

**FOR 287-3 LOGGING I** (F)

Coast and interior logging techniques and systems are studied, including cable and tractor yarding, falling and bucking, loading, yarding and booming.

Prerequisites: Forestry 152-3 and 162-3. (2,2)

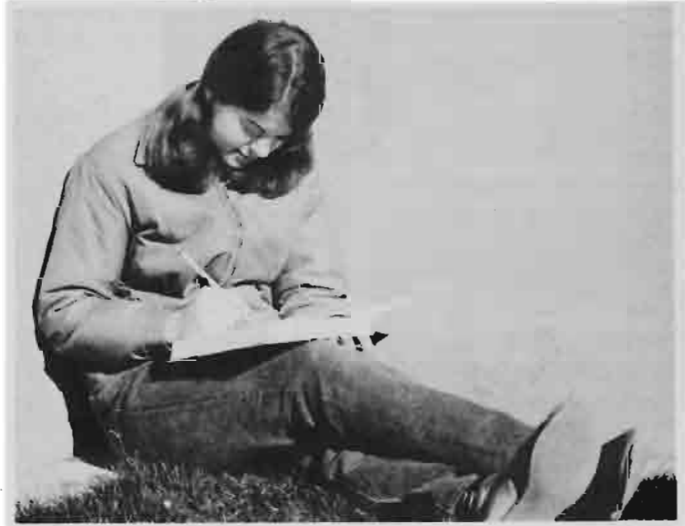
**FOR 288-3 LOGGING II** (S)

Advanced logging techniques, cable selection in relation to logging uses, an understanding of logging equipment, preventative maintenance, logging contracts and logging management.

Prerequisite: Forestry 287-3. (2,2)

**FOR 299-3 ADVANCED LOGGING** (S)

Students completing the second year program will attend the CNC logging school for one month during May. This will give students a basic understanding of falling, skidding and loading practices as they apply in the Prince George Region.



**FRENCH**

**FREN 101-3 INTERMEDIATE COLLEGE FRENCH I** (F)

Grammar and syntax are reviewed using an active audiolingual method. Conversation through discussion; oral reports in class and elementary composition based on written appreciations of literary selections with additional readings in French literature all assist the student.

Prerequisite: French 12. (3,2)

**FREN 102-3 INTERMEDIATE COLLEGE FRENCH II** (S)

A continuation of French 101-3.

Prerequisite: French 101-3. (3,2)

**FREN 103-3 INTRODUCTION TO COLLEGE FRENCH I** (F)

Simple grammatical constructions and syntax are developed in the context of idiomatic French, using an active audiolingual method. Selected readings in French literature form part of the material in this course.

Prerequisite: French 11. (3,2)

**FREN 104-3 INTRODUCTION TO COLLEGE FRENCH II** (S)

A continuation of French 103-3.

Prerequisite: French 103-3. (3,2)

**FREN 201-3 ADVANCED COLLEGE FRENCH I** (F)

Extensive conversation and dissertation will be based on a chronological survey of French literature from the middle ages to the end of the seventeenth century. There will also be a review of grammar and syntax through compositions and translations, to allow further development in this language.

Prerequisite: French 102-3. (3,1)

**FREN 202-3 ADVANCED COLLEGE FRENCH II** (S)

A continuation of French 201-3. French literature from the 18th century to the present forms the basis of this course.

Prerequisite: French 201-3. (3,1)

## GEOGRAPHY

### **GEOG 101-3 MAN'S SENSE OF PLACE: AN INTRODUCTION TO GEOGRAPHY** (F)

The course serves as an introduction to the development, structure, concepts, and methods of modern Geography; emphasis being given to four distinct traditions: the Man/Land, Spatial, Regional, and Cultural/Historical approaches to the discipline. (3,3)

### **GEOG 103-3 CANADA: SOME GEOGRAPHICAL PERSPECTIVES** (S)

The theory and concepts of regional geography are applied to Canada. Regional identities are examined from a physical and human geographical viewpoint and landscape "personalities" developed. Some emphasis is given to contemporary problems of regional development in a North American context.

Prerequisite: Geography 101-3 or permission of the Instructor. (3,0)

### **GEOG 105-3 THE GEOGRAPHY OF COMMUNICATION** (S)

An examination of spatial variations in the communication and diffusion of ideas, information, values, and innovations, reference being made to a wide variety of cultures and, in particular, to the manner in which cultures communicate with each other.

Prerequisite: Geography 101-3. (3,0)

### **GEOG 161-3 GEOGRAPHICAL PERSPECTIVES ON THE NORTH CENTRAL INTERIOR I** (F)

A geographical survey of the major resources and associated problems of the North Central Interior. (1,2)

### **GEOG 162-3 GEOGRAPHICAL PERSPECTIVES ON THE NORTH CENTRAL INTERIOR II** (S)

Selected problems of environmental management will be examined from a geographer's perspective. Guest speakers will be invited to present alternative viewpoints.

Prerequisite: Geography 161-3. (1,2)

### **GEOG 201-3 WEATHER AND CLIMATE** (F)

The major concepts in the sub-disciplines of meteorology, climatology, biogeography (vegetation and soils) and geomorphology (land forms) are introduced. Analysis will be made of processes, distributions, and interrelationships.

Prerequisite: Geography 101-3 or permission of the Instructors. (3,3)

### **GEOG 202-3 THE SURFACE OF THE EARTH** (S)

A continuation of Geography 201-3.

Prerequisite: Geography 201-3. (3,3)

### **GEOG 203-3 ECONOMIC GEOGRAPHY** (F)

A geographic view of economic activities and behaviour, using both a "systems" and a "behavioural" approach. Traditional and more recent theories of Economic Geography will be examined in the light of these two approaches.

Prerequisite: Geography 101-3 or permission of the Department. (3,0)

### **GEOG 205-3 THE EVOLUTION OF THE CULTURAL LANDSCAPE** (S)

An investigation of the dynamic nature of the Man/Land relationship in terms of the cultural, sociological, institutional, and psychological influences upon Man's use and organization of his environment.

Prerequisite: Geography 101-3 or permission of the instructor. (3,0)

## GEOLOGY

### **GEOLOG 101-3 INTRODUCTION TO PHYSICAL GEOLOGY** (F)

Physical aspects of geology: the earth as a planet, origin of the solar system, matter and minerals, description and classification of rocks, weathering and soil formation, earth-quakes and the earth's interior, rock deformation and mountain building, mass movement, glaciation, desert, ocean and shoreline processes. Field trips and visits to regional mining operations are scheduled in place of some laboratory periods. (3,3)

### **GEOLOG 102-3 INTRODUCTION TO HISTORICAL GEOLOGY** (S)

A continuation of Geology 101-3, with emphasis on historical aspects: the nature, scope and methods of historical geology, geologic time; fossils and the fossil record, theories of evolution; a survey of the major phyla, the early history of the earth; the evolution of the continents and continental drift; the origin of man. Mineral resources, resource problems, and environmental problems are discussed. (3,3)

Prerequisite: Geology 101-3. (3,3)

### **GEOLOG 161-3 GEOLOGY FOR GENERAL INTEREST** (S)

A non-technical introduction to the materials of the earth and to the processes which operate to build and to shape the earth's surface features. Included will be a discussion of geologic time and earth's history and illustrations of processes in action in the development of the scenery of the Northwest in general, and B.C. in particular. (1,2)

### **GEOLOG 171-3 PROSPECTING I: INTRODUCTION TO PROSPECTING** (F)

The identification of minerals and rocks, the nature of mineral deposits, claim staking, legal requirements, sampling and field techniques, an introduction to geochemical and geophysical techniques. (1,2)

### **GEOLOG 172-3 ADVANCED PROSPECTING** (S)

Topics covered will include: review of basic minerals and rock types, introduction to the industrial, strategic and aerospace minerals, interpretation of maps and air photos, mineralization and mineral provinces, geochemical and geophysical prospecting techniques suitable for the prospector. (2,4)

### **GEOLOG 201-2 ENVIRONMENTAL GEOLOGY** (F,S)

This course will consider the nature and importance of geological information in physical problems of man's interaction with his environment. Topics included are urban geology and natural hazards, pollution and geological processes, and problems associated with natural resource utilization. (2,0)

## HISTORY

### **HIST 101-3 WORLD HISTORY: THE EARLY TWENTIETH CENTURY** (S)

After a brief introduction to general problems of historical investigation, this course treats world history of the early twentieth century through a detailed study of one or two historical phenomena of universal significance. The First World War, the Russian Revolution, the emergence of the United States as a "super-power", the spread of nationalism, and the Great Depression represent examples of such phenomena. (3,0)

### **HIST 102-3 WORLD HISTORY: THE MID-TWENTIETH CENTURY** (S)

This course treats world history of the mid-twentieth century in a framework similar to that of History 101-3. The irrational society, the breakdown of old imperialisms, the Chinese Revolution, and the acceleration of technological development represent recent examples of historical phenomena of universal significance. (3,0)

### **HIST 103-3 HISTORY OF CANADA TO 1841** (F)

After a brief introduction to general problems of historical investigation, this course examines the nature and development of two early Canadian societies: New France and British North America. The problems considered direct attention to the theme of dependence. (3,0)

### **HIST 104-3 HISTORY OF CANADA SINCE 1841** (S)

This course extends the investigation of the theme of dependence in Canadian history to the modern period. (3,0)

### **HIST 201-3 NINETEENTH-CENTURY EUROPEAN THOUGHT** (F)

This course examines the ideas of a series of European thinkers from the French Revolution in 1870 on politics, society, economics, religion, and science.

Prerequisite: History 12 or any college history course. (3,0)

### **HIST 202-3 TWENTIETH-CENTURY EUROPEAN THOUGHT** (S)

This course examines the ideas of a series of European thinkers of the modern period on politics, society, economics, religion, and science.

Prerequisite: History 12 or any college history course. (3,0)

### **HIST 211-3 LOCAL HISTORY SEMINAR** (S)

After an introduction to the techniques of historical research and their application in local history, each student in the seminar will create a research paper based on primary sources relating to the history of one community or area in the Northern Interior of British Columbia.

Prerequisite: History 103-3 and History 104-3.

**NOTE:** Applicants with a long-standing interest in local history may be admitted without the prerequisite courses at the discretion of the instructor. (3,0)

## HUMANITIES

### **HUM 101-9 HUMANITIES I** (F)

A non-disciplinary program of liberal education. See page for further information. (9,3)

### **HUM 102-9 HUMANITIES II** (S)

A continuation of Humanity 101-9. (9,3)

## MATHEMATICS

- MATH 101-3 INTRODUCTORY CALCULUS** (F)  
An introduction to the concepts, techniques and applications of differential and integral calculus.  
Prerequisite: Mathematics 12. (4,0)
- MATH 102-3 CALCULUS AND LINEAR ALGEBRA** (S)  
This course is a continuation of Mathematics 101-3 with an introduction to Linear Algebra. The concepts of area and work will be generalized with the use of integral calculus.  
Prerequisite: Mathematics 101-3. (4,0)
- MATH 103-3 PRINCIPLES OF MATHEMATICS** (F,S)  
An introduction to the fundamentals in determinants, matrices, vectors and systems of linear equations. An intuitive approach to differential and integral calculus, with emphasis on techniques and physical applications, is developed. (3,0)
- MATH 104-3 INTRODUCTION TO STATISTICS** (F,S)  
Descriptive statistics, elementary probability theory, statistical inference and the practical application of these topics are emphasized. (3,0)
- MATH 151-3 TECHNICAL MATHEMATICS** (F)  
Topics include functions, exponential and log functions, trigonometric functions and an introduction to analytic geometry with applications. Students calculate areas and volumes using numerical techniques. (3,0)
- MATH 152-3 PRINCIPLES OF MATHEMATICS** (S)  
An introduction to the fundamentals in determinants, matrices, vectors and systems of linear equations. An intuitive approach to differential and integral calculus with emphasis on techniques and physical applications are developed. (3,0)
- MATH 153-3 BASIC MATHEMATICS** (F)  
Basic Mathematics to upgrade mathematical skills. Topics include algebra, ratio, proportion, percentage, algebraic fractions, exponents, radicals, algebraic multiplication and factoring, solution of linear, simulations, quadratic equations, graphs, series, logarithms, trigonometry. (3,0)
- MATH 154-3 MATHEMATICS OF FINANCE** (F)  
An introductory course including simple interest, simple discount, compound interest, annuities, amortization, sinking funds, depreciation, bonds. (3,0)
- MATH 155-3 BASIC STATISTICS** (F,S)  
Descriptive statistics, elementary probability theory, statistical inference and the practical application of these topics are emphasized. (3,0)
- MATH 161-3 MATHEMATICS FOR MEDICAL LAB TECHNOLOGISTS**  
A review of basic algebra, linear and quadratic equations, logarithms, exponents, the slide rule, and an introduction to electronic calculators. (3,0)
- MATH 201-3 ANALYSIS AND CALCULUS** (F)  
Topics include mathematical induction, the real number system, completeness, sequences, series, the limit of a function. The calculus of several variables is introduced.  
Prerequisite: Mathematics 102-3. (4,0)
- MATH 202-3 CALCULUS OF SEVERAL VARIABLES** (S)  
A continuation of Mathematics 201-3. Topics include: partial derivatives, chain rule, potential functions, maxima and minima, linear algebraic applications to functions of several variables, multiple integration, Green's Theorem.  
Prerequisite: Mathematics 201-3. (4,0)
- MATH 207-3 BUSINESS STATISTICS I** (F)  
An introduction to probability and statistical inference with applications to Business, Economics, and Industry. The course includes a study of the computer and its programming as used in the problems of Business statistics.  
Prerequisites: Mathematics 102-3 or Mathematics 103-3 and 104-3. (3,1)
- MATH 208-3 BUSINESS STATISTICS II** (S)  
A continuation of Mathematics 207-3.  
Prerequisites: Mathematics 207-3. (3,1)
- MATH 251-3 TECHNICAL MATHEMATICS II** (F)  
A continuation of Mathematics 151. Major areas will be an intuitive introduction to differential and integral calculus with applications, and a study of the fundamentals of linear algebra with applications.  
Prerequisite: Mathematics 151. (3,0)

## MEDICAL LAB TECHNOLOGY

- MLT 151-3 MEDICAL LABORATORY ORIENTATION I** (F)  
A critical review of the basic theory and use of microscopes and precision instruments. (2,1)
- MLT 152-3 MEDICAL LABORATORY ORIENTATION II** (S)  
An introduction to the principles of precision instruments and equipment and procedures of volumetric analysis. (1,2)

## MUSIC

- MUS 103-3 HISTORY OF MUSIC I** (F)  
A study of the historical development of music from the Greek period to the Baroque, emphasizing recordings and score study. Major emphasis is given to the Renaissance and Baroque style periods. Some correlation given to other art disciplines. (3,1)
- MUS 104-3 HISTORY OF MUSIC II** (S)  
A continuation of Music 103, covering the development of musical forms, styles, and techniques from 1600 to present.  
Prerequisite: Music 103-3. (3,0)

## PHILOSOPHY

- PHIL 101-3 MORAL PHILOSOPHY** (F)  
An introduction to philosophical analysis through the consideration of problems in moral philosophy. Questions to be discussed include: "What do disagreements in moral judgment mean?" "Is there an objective basis for moral judgment?" (3,0)
- PHIL 102-3 THEORY OF KNOWLEDGE** (S)  
An introduction to philosophical analysis through the consideration of problems in theory of knowledge. Questions to be discussed include: "Can we ever know anything?" "What do we know?" "How do we know?" (3,0)
- PHIL 204-3 LOGIC** (F)  
An introduction to the elements of formal logic, a study of the application of logical techniques to argument, and investigation of concepts involved in these techniques, e.g. argument, implication, validity, fallacy, truth, logical form, and the evaluation of arguments in ordinary language. (3,0)
- PHIL 205-3 SCIENTIFIC METHOD** (S)  
An examination of the scientific method and its use, and discussion of the grounds for empirical knowledge. (3,0)



## PHYSICS

### PHYS 101-3 INTRODUCTORY PHYSICS I (F)

Mechanics including vectors, linear kinematics, circular motion, dynamics, energy, momentum; relativity; SHM; gravity; properties of matter; temperature, heat, simple kinetic theory, introductory thermodynamics.

Prerequisite: Mathematics 12 and Physics 12. (3,3)

### PHYS 102-3 INTRODUCTORY PHYSICS II (S)

Electricity and magnetism, including charges, electric field, magnetic fields, electric current and circuits; light; atomic physics, nuclear reactions.

Prerequisite: Physics 101-3, or (with permission of the instructor) Physics 105-3. (3,3)

### PHYS 105-3 GENERAL PHYSICS I (F)

Mechanics including linear kinematics, circular motion, dynamics, energy, momentum and fluids; temperature and thermal expansion, heat, simple kinetic theory, and heat transfer. Primarily intended for students not planning further courses in the physical sciences.

Prerequisite: Mathematics 11 or permission of instructor. (3,3)

### PHYS 106-3 GENERAL PHYSICS II (S)

Electricity and magnetism, including charges, electric fields, magnetic fields, electric current and circuits, light, atomic physics and nuclear reactions.

Prerequisite: Mathematics 11 or permission of instructor. (3,3)

### PHYS 201-3 THERMODYNAMICS AND WAVES (F)

The topics studied include temperature, heat transfer, laws of thermodynamics, entropy and disorder, waves and sound.

Prerequisite: Physics 101, 105, or permission of instructor. (3,0)

### PHYS 202-3 ELECTRICITY (S)

Topics include Kirchoff's laws for resistive circuits, power transfer, capacitors, inductances in transient and A.C. circuits using complex number methods. Also included are other topics of current interest.

Prerequisite: Physics 102, 106, or permission of instructor. (3,0)

### PHYS 203-2 GENERAL LAB (S)

A series of experiments designed to demonstrate concepts of mechanical, electrical, heat and modern physics. Experiments include the use and design of meters, LCR circuits, temperature measurement, and the determination of a radioactive half-life. One experiment is designed by the student.

Prerequisite: Physics 101, 105, or permission of the instructor. (0,6)

### PHYS 204-3 MECHANICS (F)

The topics studied include vectors, kinematics, dynamics of a particle, moving reference systems, special theory of relativity, central forces and celestial mechanics, dynamics of a system of particles, dynamics of rigid bodies, Lagrange's equations (optional) and vibrations.

Prerequisite: Physics 102-3, or permission of the instructor. (3,0)



## POLITICAL SCIENCE

### POSC 101-3 THE GOVERNMENT OF CANADA (S)

An examination of the institutions and processes of Canadian government. Analysis will be made of the Canadian social structure and political culture; parties, pressure groups and social movements; the legislative, executive, and judicial aspects of government; federalism.

(3,0)

### POSC 102-3 CONTEMPORARY IDEOLOGIES (F)

A study of the major political ideologies such as nationalism, conservatism, liberalism, socialism, anarchism, communism, fascism, democracy and the new left.

(3,0)

### POSC 201-3 SELECTED PROBLEMS IN CANADIAN POLITICS (F)

A study in depth of the major issues in Canadian politics: federalism in theory and practice, nationalism and political nationality, cultural duality, separatism and regionalism, and similar issues of interest to students.

Prerequisite: Political Science 101-3. (3,0)

### POSC 203-3 POLITICS AND SOCIAL LIFE (S)

An introduction to theories and methods of political analysis and their application to the study of social, cultural, and psychological context of political behaviour.

Prerequisite: Political Science 101-3 or 102-3. (3,0)

## PSYCHOLOGY

### PSYC 101-3 INTRODUCTION TO PSYCHOLOGY I (F,S)

This general survey course includes topics such as a brief history of psychology, elementary experimental design, the nervous system, sensation and perception, learning, motivation, and emotion.

(3,0)

### PSYC 102-3 INTRODUCTORY PSYCHOLOGY II (F,S)

A continuation of Psychology 101. Topics include thinking, language, intelligence and testing, personality theories, and personality assessment, mental health and behavioral disorders, with an introduction to Social Psychology.

Prerequisite: Psychology 101-3 or permission of the instructor. (3,0)

### PSYC 151-3 GENERAL PSYCHOLOGY I (F)

This general survey course includes topics such as a brief history of psychology, elementary experimental design, the nervous system, sensation and perception, learning, motivation, and emotion.

(3,0)

### PSYC 152-3 GENERAL PSYCHOLOGY II (S)

Topics include thinking, language, intelligence and intelligence testing, personality theories, and personality assessment, mental health and behavioral disorders, with an introduction to Social Psychology.

(3,0)

### PSYC 153-3 HUMAN RELATIONS (S)

The study of people at work, how they may be motivated to work together to fulfill effectively the needs of the individual as well as the objectives of the organization. It commences by reviewing relations observable in the classroom.

(3,0)

### PSYC 157-1 INDUSTRIAL PSYCHOLOGY AND HUMAN RELATIONS I (F)

This course deals with selected components of psychology from the perspective of the principles involved. Topics include: Communication, Motivation, Needs, Satisfaction of Needs, Frustration, Conflict, Personality, Personality Assessment, and Psychological Testing.

(1,0)

### PSYC 158-1 INDUSTRIAL PSYCHOLOGY AND HUMAN RELATIONS (S)

This course deals with industrial psychology from the perspective of the principles involved, the underlying psychological components and the ethical nature of their application. Topics covered include: Social Psychology, Organizations, Supervision and Labour-Management Relations.

(1,0)

### PSYC 161-3 HUMAN SEXUALITY (F)

Learning about human sexual behaviour involves the intellectual and emotional domains of the mind. This course makes an attempt to accommodate both realms. It is designed to provide accurate information about patterns of human sexual behaviour, examine value attitude and develop skills and understanding of verbal and sensory communication.

(3,0)

### PSYC 201-3 EXPERIMENTAL PSYCHOLOGY I (F)

The course covers the basic principles of descriptive and inferential statistics and their application in psychological research. Highly recommended for majors in Psychology.

Prerequisites: Psychology 101-3 and 102-3; Grade 12 Mathematics or first year College Mathematics. (3,3)



**PSYC 202-3 EXPERIMENTAL PSYCHOLOGY II (S)**

This course introduces experimental methods and designs as applied to research in psychology. Focus on research in sensation, perception, learning, and motivation will serve to illustrate current developments and techniques. Highly recommended for majors in Psychology.

Prerequisite: Psychology 201-3. (3,3)

**PSYC 203-3 DYNAMICS OF BEHAVIOUR I (F)**

The student is introduced to personality and adjustment, and reviews some theories of personality (e.g. psychoanalysis) and conditions in life requiring adjustment (e.g. conflict). These theories are developed throughout course and pertinent research is discussed.

Prerequisites: Psychology 101-3 and 102-3. (3,0)

**PSYC 204-3 DYNAMICS OF BEHAVIOUR II (S)**

A continuation of Psychology 203-3. Topics include mentally normal and abnormal behaviours, assessment of these behaviours through psychological tests, and different types of treatment of abnormal behaviour.

Prerequisite: Psychology 203-3. (3,0)

**PSYC 205-3 DEVELOPMENTAL PSYCHOLOGY I (F)**

A study of the determinants of behaviour, theory, and processes of growth and maturation from the prenatal period through childhood, with emphasis on infancy and childhood periods in terms of cognitive, psycho-motor, affective and conative development.

Prerequisite: Psychology 101-3 and 102-3. (3,0)

**PSYC 206-3 DEVELOPMENTAL PSYCHOLOGY II (S)**

The growth and development of the individual during adolescence, adulthood and senescence, including developmental theory as well as the factors affecting development during these periods.

Prerequisite: Psychology 205-3. (3,0)

**PSYC 207-3 PSYCHOPATHOLOGY (F,S)**

This course will enable students to develop a knowledge and understanding of all forms of psychological abnormalities against the settings in which they occur, pointing out the relationships between environmental and hereditary factors and observed behaviours.

Prerequisites: Psychology 101-3 and 102-3. (3,0)

**NOTE:** Students in Psychology 207-3 are not advised to take Psychology 204-3.

**PSYC 251-3 PSYCHOLOGY OF ABNORMAL BEHAVIOUR**

This course is designed to enable students to identify relevant variables involved in the development of symptom patterns and to point out problems in the identification of pathological behaviour. (3,0)

## SOCIOLOGY

**SOC 101-3 INTRODUCTION TO SOCIOLOGY I (F)**

A general introduction to the philosophical and historical background of sociology; method and theory; basic concepts used in the analysis of society, such as culture and society, groups, socialization, classes, minorities, collective behaviour, and urbanization. (3,1)

**SOC 102-3 INTRODUCTION TO SOCIOLOGY II (S)**

Continuation of Sociology 101; an analysis of the structure and function of social institutions, such as the family, religious institutions, education, economic institutions, political structure, and theories of social change.

Prerequisite: Sociology 101-3. (3,1)

**SOC 203-3 CANADIAN SOCIETY I (F)**

A detailed sociological, anthropological, and literary analysis of Canadian society, including such topics as occupations, social classes, social groups, authority and political behaviour, social stratification, and deviant behaviour.

Prerequisite: Introductory sociology or permission of the instructor. (3,0)

**SOC 204-3 CANADIAN SOCIETY II (S)**

A detailed examination of the literature concerning minority groups in Canada, their relationship to other social groups, sociological and anthropological approaches to minority groups, and an analysis of writings from minority groups within Canada.

Prerequisite: Sociology 203-3. (3,0)

## SPANISH

**SPAN 101-3 INTRODUCTORY SPANISH I (F)**

An audio-lingual introduction to Spanish, designed to equip the student with the basic knowledge for communicating in Spanish. (3,2)

**SPAN 102-3 INTRODUCTORY SPANISH II (S)**

A continuation of Spanish 101-3.

Prerequisite: Spanish 101-3. (3,2)

**SPAN 151-3 BASIC CONVERSATIONAL SPANISH (S)**

An introduction to practical conversation based on an active audio-lingual method. At the same time giving the student some appreciation of the life and the culture of Latin-America and Spain. (3,0)

**SPAN 201-3 INTERMEDIATE SPANISH I (F)**

A review of basic structures of Spanish and readings in Spanish and Spanish conversation. (3,2)

**SPAN 202-3 INTERMEDIATE SPANISH II (S)**

A continuation of Spanish 201. (3,2)



## SURVEYING

**SURV 151-2 CONSTRUCTION SURVEYING**

Basic field surveying methods, notes and their interpretation. Included are the types of surveying instruments and their use. Measuring distances, levels, traverses and other elements of plane surveying will be covered. This course is intended to familiarize a student with surveying techniques used in construction, not to make qualified surveyors. (1½, 1½)

## TECHNOLOGY

**TECH 153-3 DRAFTING FUNDAMENTALS (F)**

This course includes the teaching of basic Drafting techniques, as well as the use of the relevant equipment. It is designed to provide a good base for preparation of simple plans and details. (2,2)

**TECH 154-3 DRAFTING AND INTERPRETATION (S)**

A continuation of the Drafting techniques introduced in Technology 153-3 with added work on interpretation of various types of construction plans, schedules and specifications. Emphasis shall be on interpretation. (2,2)

Prerequisite: Technology 153-3. (2,2)

**TECH 155-3 PRACTICAL DRAFTING**

This course introduces the student to the fundamentals of Engineering Drawing and shows how these are used in industry or blueprints: Methods of scaling, measurement, and take offs are also taught. This will enable the student to be able more fully to interpret and use blueprints as a working tool. (1,2)

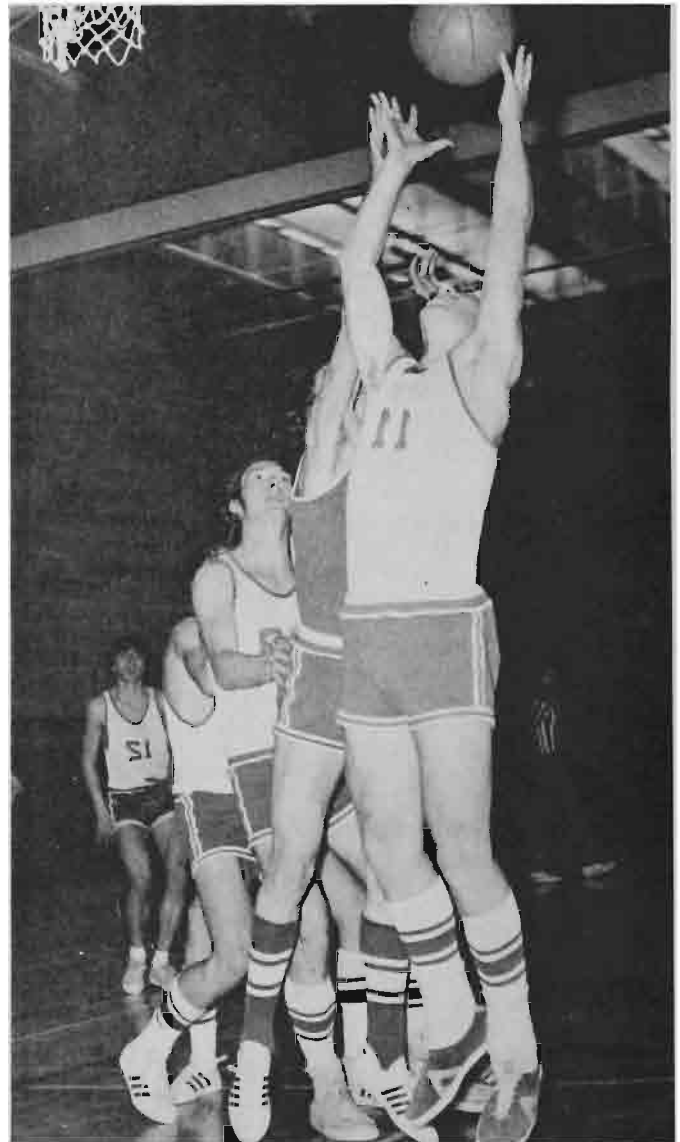
## THEATRE

- THT 101-3 INTRODUCTION TO THEATRE I** (F)  
A survey of the history of theatre and drama from the beginning to the Renaissance. An introduction to dramatic criticism. Recommended for prospective teachers. (3,2)
- THT 102-3 INTRODUCTION TO THEATRE II** (S)  
Continuation of historical survey with an emphasis on the emergence of modern theatrical styles; the theatre as a social institution, the theatre as a collaborative art: the director, actor and designer.  
Prerequisite: Theatre 101-3. (3,2)
- THT 121-3 INTRODUCTION TO ACTING I** (F)  
The fundamentals of acting: theory, speech and movement; choral work, individual scenes in conjunction with major productions. Recommended for prospective teachers. (2,4)
- THT 122-3 INTRODUCTION TO ACTING II** (S)  
A continuation of Theatre 121-3.  
Prerequisite: Theatre 121-3. (2,4)
- THT 201-3 MODERN THEATRE HISTORY** (F)  
An in-depth study of the emergence of styles; dramatic criticism.  
Prerequisites: Theatre 102-3. (3,0)
- THT 202-3 THE CONTEMPORARY STAGE** (S)  
Experimental styles since 1920: Epic Theatre, modern realism, the "Theatre of the Absurd", environmental theatre, the theatre of protest. Dramatic criticism; the emergence of film and television.  
Prerequisite: Theatre 201-3. (3,0)
- THT 231-3 FILM APPRECIATION** (F)  
Hollywood: major genres (western, gangster, musical, etc.); an introduction to film form and cinematic techniques; major project illustrating the impact of Hollywood on our culture. (3,2)
- THT 232-3 FILM APPRECIATION II** (S)  
Primarily a laboratory course following the theoretical background introduced in Theatre 231, emphasis will be placed on the principles and practical techniques of film editing. Laboratory projects will include practice in film composition, cutting, sound and animation.  
Prerequisite: Theatre 231-3. (1,3)
- THT 241-3 STAGECRAFT** (F)  
Stagecraft techniques, scenery construction, an introduction to stage lighting, costumes, makeup and sound reproduction. Practical participation in productions. (0,6)
- THT 242-3 STAGECRAFT** (S)  
A continuation of Theatre 241-3. (0,6)
- THT 263-3 INTERMEDIATE ACTING** (F)  
An in-depth study and practice in the fundamentals of acting; speech, mime, movement, character. Practice in historical style; role preparation, performance. An **average** of eight hours per week.  
Prerequisite: Theatre 122 and permission of instructor. (4,6)
- THT 264-3 INTERMEDIATE ACTING** (S)  
A continuation of Theatre 263. (4,6)
- THT 271-3 ADVANCED ACTING** (F)  
A concentration on acting skills: speech, mime, movement, styles of acting.  
Prerequisite: Theatre 122-3. (2,6)  
**NOTE:** See page for description of Theatre Arts program.
- THT 272-3 ADVANCED ACTING** (S)  
A continuation of Theatre 271-3.  
Prerequisite: Theatre 271-3. (2,6)
- THT 281-3 STAGE PRODUCTION** (F)  
Advanced scenery techniques; lighting design and execution, fundamentals of electricity, audio-visual techniques in relation to the stage, stage design, stage management.  
Prerequisite: Theatre 241, 242. (0,6)
- THT 282-3 STAGE PRODUCTION** (S)  
A continuation of Theatre 271-3.  
Prerequisite: Theatre 271-3. (0,6)
- THT 291-3 ADVANCED STAGECRAFT** (F)  
Apprenticeship level training in Theatre Technology. The fundamentals of electricity, lighting, stagecraft, costumes, sound production, stage management. Practice in the use of new materials for the stage; scene painting techniques. A minimum of **six** hours per week.  
Prerequisite: Theatre 242 or permission. (4,6)

- THT 292-3 ADVANCED STAGECRAFT** (S)  
A continuation of Theatre 291. (4,6)

## ZOOLOGY

- ZOO 201-3 COMPARATIVE ANATOMY OF THE VERTEBRATES** (F)  
A systemic approach to the comparative anatomy of the vertebrates. Organisms exhibiting a variety of morphological advances will be dissected in the laboratory.  
Prerequisites: Biology 101-3 and 102-3. (3,3)
- ZOO 202-3 DEVELOPMENTAL BIOLOGY** (S)  
A brief introduction to the principles of embryology and a survey of developmental anatomy and physiology of the vertebrates.  
Prerequisites: Biology 101-3 and 102-3. (3,3)



## GENERAL INFORMATION

### ADMISSION

General admission requirements are detailed for all programs in their respective sections in the calendar. In addition specific prerequisites are listed for each program.

Residents of school districts 28 (Quesnel), 54 (Smithers), 55 (Burns Lake), 56 (Vanderhoof) and 57 (Prince George) are classified as **in region** students and are given priority for admission over other applicants.

To qualify as an **in region** resident, students must satisfy one of the following requirements:

- a) Be 19 years of age or over and have resided within the boundaries of one of the above school districts for at least 3 months prior to the commencement of the program to which admission is sought.
- or b) Be under 19 years of age at the commencement of the program to which admission is sought and a dependent of parents or legal guardians who reside within the boundaries of the above school districts.
- or c) Be the owner of real property within the boundaries of the above school districts.

Students who satisfy the residence requirements for any other B.C. College region are classified as **other region** students.

Students not able to qualify as **in region** or **other region** students as defined above are classified as **out of region** students and are required to pay higher tuition fees for some programs.

The responsibility for registering as an **in region**, **other region**, or **out of region** student rests with the applicant. A student who falsifies resident status may be required to withdraw from the College.

### Students from Other Countries

Persons from outside Canada must provide proof of landed immigrant status, or of application for such. Applicants from countries where English is not the common language will be required to provide proof of a knowledge of English sufficient to pursue a program of study at the College prior to being admitted.

### Specific Admission Requirements

See requirements listed in the general description of each program.

### Admission Procedure

See specific details listed for each program.



## GRADES AND GRADE POINTS

C.N.C. uses alphabetic symbols to report academic success. Each grade is assigned a numerical weight or grade point, that is used to determine the grade point average.

C.N.C. uses the following letter grades and grade points:

Letter Grade		Grade Points
A	Distinguished Achievement The student distinguishes himself consistently in examinations, reports and class participation.	4.0
B+	Outstanding Achievement	3.5
B	Superior Achievement The student exhibits consistent mastery of the course and is able to relate the course content to other knowledge.	3.0
C+	Above Average Achievement	2.5
C	Average Achievement The student exhibits sufficient comprehension of the subject matter to indicate success in more advanced courses in the same field.	2.0
P	Below Average Achievement The student is granted College credit for the course but cannot be guaranteed credit for the course in another institution. Permission is required to continue in a sequential course.	1.0
F	Fail – No credit Granted	0.00
I	Incomplete Grade and credit withheld until all requirements of the course have been met. This will require completion of all required work within 4 weeks of the last day of classes or an "F" grade will be assigned.	*
S	Credit granted. Course requirements have been satisfactorily completed. This grade is assigned where a course is successfully challenged.	*
T	Advance Standing Credit granted on the basis of work completed elsewhere.	*
W	A "W" grade will be assigned to those students completing the Withdrawal procedure outlined, and within the time limits specified in the College Calendar.	*

\* Not included in the calculation of the grade point average.

### GRADE POINT AVERAGE (G.P.A.)

Grade point averages are reported on each Statement of Grades. The transcript includes the cumulative grade point average.

The G.P.A. is the sum of the grade points earned multiplied by the number of credits and divided by the number of credit hours taken.

Example:

Course	Credit Hours	Letter Grade	Grade Points	Grade Points x Credit Hours
1	3	A	4	12
2	3	B	3	9
3	4	C	2	8
4	2	P	1	2
5	3	F	0	0
	15			31

G.P.A. equals 31/15 equals 2.07.

### REPEATING A COURSE

Courses may be repeated for the purpose of raising grades. Credit will be granted for the higher grade achieved, but both grades will be recorded on the student's permanent record. Students repeating courses must advise the Student Services officer, to ensure only the highest grade point is included in the calculation of their G.P.A.

### Change of Name or Address

It is the responsibility of the student to advise the student services office (main floor, Vanderhoof building) of any change of name, address, or telephone number. Unless the student requests otherwise all College correspondence will be sent to the student's permanent home address.

### Identification Cards

Student identification cards are provided following full payment of fees. In the event of the loss of an identification card a duplicate may be obtained from the Student Services office (main floor, Vanderhoof building) – fee one dollar.

## ATHLETICS

### Intercollegiate

College sponsored teams compete in the Commercial Hockey League, the Men's Basketball League and the Commercial Curling League in Prince George. In addition these teams play in exhibition intercollegiate events. There are opportunities for other College sponsored teams to be established. Interested students should contact Student Services.

### Intramural and Recreation

An extensive intramural schedule is established in the fall, allowing for group and individual participation in activities such as:

Curling  
Basketball  
Volleyball  
Touch Football  
Floor Hockey  
Badminton  
Skiing  
Skating  
Table Tennis  
Weight Lifting

Contact Student Services for information, or check the Athletics noticeboard outside the Student Services Office.

**Note:** Students participate in intercollegiate and intramural activities at their own risk.

### BOOKSTORE

A bookstore is located in the basement of the Vanderhoof Building. In addition to supplying text books the store also sells sundry supplies and miscellaneous items. A bulletin board in the bookstore is provided for notices of second hand books for sale.

Bookstore hours:

Monday-Friday 8:30 a.m.-12 noon; 1:00 p.m.-4:30 p.m.

### CAFETERIA

A small coffee shop operated by the C.N.C. Student Association is located in the basement of the Vanderhoof Building. Light lunches and snacks are available.

Cafeteria hours:

Monday through Thursday 8:00 a.m.-9:00 p.m.  
Friday 8:00 a.m.-3:00 p.m.



## CLUBS

The opportunity exists for students to establish a variety of clubs. The Student Services office is always ready to assist. Please contact us if you need help in getting a club off the ground. Faculty and staff members are always ready to help students establish extra curricular activities. During the 1973-1974 academic year interest was expressed in the following clubs:

ARCHAEOLOGY  
AVIATION  
AUTO MECHANICS  
BASKETBALL  
BEER BREWING  
BIOLOGY  
BREAD BAKING  
CHESS  
CROSS COUNTRY SKIING  
DEBATE  
DRAMA  
GEOTRUCKERS EXPLORATION SOCIETY  
GOLF  
HIKING  
MOUNTAINEERING  
MUSIC  
NEWSPAPER  
OUTDOOR ACTIVITIES  
PHOTOGRAPHY  
PSYCHOLOGY  
RADIO  
SKIING  
STUDENT ASSOCIATION  
VINTAGE CARS  
VOLLEYBALL  
WINE MAKING

### COUNSELLING

The Counselling Centre is located on the main floor of the Vanderhoof Building. Three counsellors are available to assist students with personal, academic, or vocational concerns. A wide variety of material is available in the centre to assist in career selection, or selection of suitable institutions for specific programs. Individual tests may be administered if the counsellor and student agree they will be of value.

Counselling Centre Hours:

Monday through Thursday 8:30 a.m.-6:00 p.m.  
Friday 8:30 a.m.-4:30 p.m.

### EMPLOYMENT

**PART TIME:** The Student Services Office maintains an up-to-date list of part-time jobs available to students. Jobs are posted on the bulletin board in the Students Services office (Vanderhoof Building).

**FULL TIME:** Many companies list employment opportunities for C.N.C. graduates, and several visit C.N.C. throughout the year to interview prospective employees. Details are available in the Student Services office.

### FINANCIAL ASSISTANT

A variety of loans, scholarships, grants and awards are available to C.N.C. students. (See Financial Assistance Section.) Detailed information is available from the counsellors. The most common forms of assistance at C.N.C. are:

- CANADA STUDENT LOAN – Students may borrow up to \$1400 per year, depending upon need.
- B.C. GRANTS-IN-AID – Non repayable grants to needy students.
- C.N.C. EMERGENCY LOAN – Short term loans up to \$50 for emergency needs.

### HOUSING

C.N.C. maintains an up-to-date accommodation list throughout the year. This list is completely revised at the beginning of August each year and includes apartments, housekeeping rooms, and room and board listings. The list is available to students through the Student Services Office.

### INFORMATION

For information on any aspect of the College check with the Student Services Office. If they don't have the answer they can direct you to someone who will.

The main notice board outside the Student Services Office has been reserved for notices of meetings only. Check this bulletin board for information on club meeting times, etc.

## LIBRARY

Located at the east end of the Smithers Building, the library contains an expanding collection of resources including Monographs, Books, Federal and Provincial Government Documents, Newspapers, and media materials. Students may borrow record players, cassette recorders, and tape recorders for use in the library. Special arrangements may be made for the use of audio-visual production equipment, including a photographic darkroom.

## POST OFFICE

A stamp machine and a letter box are available at the Student Services Office. Daily mail pick-up is at 3:30 p.m.

## STUDENT ASSOCIATION

The C.N.C. Student Association is a voluntary group of students interested in developing the students' role in the decision making processes, as well as establishing social and recreational events for students. Contact the Student Services Office for information on meeting times.

## STUDENT LOUNGE

The Log Building between the Quesnel and Smithers Building has been assigned by the College for the exclusive use by students as a lounge. Relax — play ping-pong — or whatever.

Hours open:

Monday through Thursday — 24 hours a day.

Friday through Sunday — 8:30 a.m.-5:30 p.m.

## STUDENT SERVICES OFFICE

The Student Service department is responsible for the following functions:

Admissions	Registration
Counselling	Employment
Housing	Study Skills
Financial Assistance	Athletics
Calendar	Timetable
Public Relations	Inter-institutional liaison

The main Student Service Office is located in the Vanderhoof Building, room 105.

Office hours:

Monday through Thursday 8:30 a.m.-6:15 p.m.

Friday 8:30 a.m.-5:00 p.m.

## STUDY ASSISTANCE

The learning assistance centre is located in the Vanderhoof Building, Room 106. Professional help is available to assist you through individual programs. Students encountering difficulties keeping up with their reading, taking notes, or writing papers are invited to drop in. From time to time throughout the year the centre offers general reading improvement programs to the community. Registered students may enroll in these programs at no cost. Check Student Services for information.

Study Assistance Centre Hours:

Monday through Thursday — 8:30 a.m. to 4:30 p.m.



## FINANCIAL ASSISTANCE

### GENERAL REGULATIONS

There are a number of sources of assistance for College students.

To be eligible for assistance a student must be enrolled in a full program of studies. Students are advised to check with the Student Services Office about changes in regulations, deadlines for application, and other details.

There are four main types of assistance — Scholarships, Bursaries, Loans, and Awards.\*

The following code will be used throughout this section to indicate eligibility according to program area.

U. T.	University Transfer Programs
V.	Vocational Programs
T.	Technical Programs

\* Students should note that scholarships, bursaries, fellowships, and research grants are now to be declared as taxable income. It is mandatory that the College report to the Income Tax Branch, Department of Finance, the full name and Social Insurance Number of every recipient of a scholarship or bursary. It is essential, therefore, that each applicant for a scholarship or bursary be in possession of a valid Social Insurance Number, which must be stated on the applications.

### B. C. PROVINCIAL GOVERNMENT FINANCIAL AWARDS AND ASSISTANCE PROGRAM

The Government of the Province of British Columbia has several programs of financial awards and financial assistance for students undertaking studies in designated Post-Secondary Educational Institutions. These programs have been under review in order to bring them up-to-date.

A student wishing to obtain financial aid for a Program of Post-Secondary study in the academic year 1974-75 is advised to communicate with the Financial Awards Officer of the institution to be attended and to request a copy of the pamphlet on Student Aid to be distributed by the Provincial Government in the Spring, 1974.

#### Premier's Athletic Awards and British Columbia Athletic Awards (T., V., U.T.)

Five Premier's Athletic Awards, each for \$1,000, and 25 British Columbia Athletic Awards, each for \$500, awarded annually to those British Columbia students who apply and who meet the qualifications set out hereunder.

Any British Columbia student attending a designated post-secondary educational institution in the Province of British Columbia, or who plans to pursue an educational program at any designated post-secondary educational institution in the Province of British Columbia.

Applicants must show evidence of:

1. Athletic ability and performance;
2. Leadership and character;
3. Scholastic achievement.

Applicants must write a personal letter of application to the Selection Committee, in which they should outline their athletic and scholastic achievements.

Applicants must ask the head of the athletic department of the post-secondary or senior secondary educational institution and one other prominent sports leader in the community to send a confidential supporting letter direct to the Selection Committee. The athletic director should attach a statement of athletic achievements and other leadership participation.

Applications will be reviewed by a Selection Committee appointed by the British Columbia Physical Fitness and Amateur Sports Fund Committee. The top five applicants selected by the Selection Committee will be awarded the Premier's Athletic Awards of \$1,000 each, and the next 25 applicants selected in order of merit will be awarded the British Columbia Athletic Awards of \$500 each.

The Athletic Awards will be made available to successful applicants after proof that he or she is attending the institution concerned; provided they are not in receipt of a similar or other major award of \$500 or more.

All applications should be postmarked not later than June 1, 1974, and should be addressed to:

Athletic Awards,  
British Columbia Physical Fitness and  
Amateur Sports Fund,  
Parliament Buildings,  
Victoria, B.C.

## AWARDS

### Imperial Oil Higher Education Awards (T., V., U.T.)

Imperial Oil Limited offers annually free tuition and other compulsory fees to all children or wards of employees and annuitants who proceed to higher education courses. The courses may be taken at any Canadian university or other approved institution of higher learning. Each award is tenable for a maximum of four years. To be eligible, a student must attain an average mark of 70% or higher in appropriate secondary school examinations in the subjects required for admittance to the approved institution. Completed application forms must be forwarded to:

The Secretary  
The Committee on Higher Education  
Imperial Oil Limited  
111 St. Clair Avenue West  
Toronto 7, Ontario

before the date of registration for the first year or semester in which the award is to be held.

### Mungo Martin Memorial Awards (T., V., U.T.)

The subject awards will be made annually from the proceeds of the Mungo Martin Memorial Fund, raised by public subscription under the sponsorship of the B.C. Indian Arts and Welfare Society of Victoria to commemorate Mungo Martin, the late Kwakwilt chief, artist, philosopher, and carver, who did so much to revive appreciation of Indian art and traditions of the Northwest Coast, winning renown far beyond its boundaries. The fund is administered by a Board of Trustees appointed by the said Society for this purpose. Its members serve without remuneration. The Board of Trustees is the sole authority adjudicating awards and its decisions are final.

Awards are to be made in any amount or amounts in any year within the limitations of available funds at the sole discretion of the Trustees. (Awards normally expected to be from \$50.00—\$300.00).

The purpose of the awards is to assist people of Indian racial background to further their education, vocational training, skills and competence in arts, handicrafts, and other worthy endeavours. While age and circumstances of qualifying candidates may vary considerably, preference will be given to young people.

Candidates for awards must be of Indian racial background and must be domiciled in the Province of B.C. at the time of application.

The recipient of an award may apply for a further award in a subsequent year.

It is emphasized that these awards are open not only to those who wish to further their general education or skills, but in particular to those who seek to do creative work to further the artistic heritage of the Indian peoples, whether it be in painting, carving, music, dance, folklore or language.

Applications for awards should be made on forms provided by the Board of Trustees and may be mailed at any time for consideration at periodic meetings of the Board, to the following address:

The Board of Trustees,  
Mungo Martin Memorial Award Fund,  
c/o Mrs. H. Esselmont, Chairman,  
3190 Rutledge Street,  
Victoria, B.C.

### Simon Fraser University Recreation Awards (U.T.)

Recreation Awards are based on a good academic record and excellence in recreational activity.

Recreation Awards are available to outstanding individuals in the area of recreational sports, eg. wrestling, soccer, ice hockey, etc.

The Awards are made for a period of one semester. A student may reapply for an Award for a subsequent semester. Awards vary in amount but do not exceed the full semester fee.

In addition, extraordinary Awards will be available to individuals who are registered as students at Simon Fraser University and who have demonstrated truly outstanding achievement in a special category, e.g. figure skating.

Any student academically eligible for entry to Simon Fraser University who excels in a recreational sport should contact the Director of Recreation for further information on Recreation Awards.

### Dental Assisting Awards (V)

The Louise Backman Award for an Exceptional Project in the Advancement of the Dental Assisting program — donated by Mrs. Louise Backman, Instructor.

The Prince George Dental Association Award for Outstanding Practical Achievement — donated by the Prince George Dental Association.

The Prince George Dental Assistants Association Award for Highest Theoretical Achievement — donated by the Prince George Dental Assistants Association.

The Senior Dental Health Officer, Northern Health Unit, British Columbia, H. J. Hann, D.D.S., M.P.H. Award for Exceptional Interest in the Dental Health of Children.

### Heavy Duty Mechanics Awards (V)

115 Operating Engineers Union present a tool box for the highest academic achievement.

Acklands Ltd. present a combination wrench set for general proficiency.

### Practical Nursing Awards (V)

The Instructor's Award presented for General Proficiency – donated by the instructors of Practical Nursing.

### Government of British Columbia Bursaries (U.T., T., V.)

The Government of the Province of British Columbia annually provides funds to assist students who are residents of this province to commence or to continue an acceptable full-time program of post-secondary studies at designated post-secondary educational institutions within the Province of British Columbia. Under special circumstances a bursary may be made available to a student from British Columbia who is pursuing a course of acceptable professional study at a designated institution.

The provincial bursary plan is administered in conjunction with the Canada Student Loans Plan, its purpose being to enable qualified needy students to reduce the amount of indebtedness they must incur to continue their post-secondary education. As the provincial bursaries are free grants of money from public funds, students and the parents of students defined under the plan as financially dependent must accept the principle that they are primarily responsible for provision of the funds required for the expenses of post-secondary education. The provincial bursaries plan and the Canada Student Loans Plan make available means to supplement funds available from the resources of the student or his family.

The British Columbia Provincial Bursary is available to only those students who are proceeding to a diploma or a first degree at the undergraduate or equivalent level of a post-secondary program of study. A Provincial Bursary will not be granted to students in Post-Graduate Studies, nor to those registered as "qualifying" or "unclassified".

There are four categories of bursaries. The amount of that granted to an applicant for assistance depends upon the total amount of his financial need as determined under the Regulations of the Canada Student Loans Plan, and as recommended to the British Columbia Student Aid Committee.

To qualify for the grant of a Province of British Columbia Bursary (money that does not have to be repaid) a student must:

1. Comply with the criteria of the Canada Student Loans Plan, as administered by the Provincial Authority of British Columbia;
2. Submit in accordance with the instruction stated on the form a fully completed: APPLICATION FOR FINANCIAL ASSISTANCE.
3. Have been a resident in this Province for not less than twelve consecutive months prior to the first day of the month in which he commences the program of study for which he seeks financial assistance. In the case of students qualifying under the provisions of (b) and (c) above, the year of residence within this Province need not be that immediately preceding this academic session, but the proviso exists that the student shall not have established residence of twelve consecutive months (excluding periods of post-secondary study) in another province or country;
4. Have completed successfully his last previous full-time full course load for an academic year of two terms or two semesters, without a failure in any course requisite for unconditional admission to the next higher academic session. Students allowed to advance while carrying a deficiency of academic credits will not be eligible for assistance under the Provincial Bursary Plan until the deficiency is made up.

CNC students may obtain further information and application forms from the Student Services Office.

### Beta Sigma Phi Bursary (T. V., U.T.)

The Sigma Chapter of Beta Sigma Phi is offering a bursary in January to a deserving female student in any program of studies at C.N.C. for the Spring Semester.

Students must apply before December 31.

### British Columbia Association for the Mentally Retarded Bursaries (U.T.)

Bursaries in various amounts are offered by the British Columbia Association for the Mentally Retarded to students in education, medicine, nursing, psychology, and social work in graduate or undergraduate programs who:

- a) are undertaking a full year, part-time or summer school course at a recognized University or College.
- b) intend to pursue studies related to Mental Retardation.

Awards will be made on the basis of combined academic standing and need. Closing dates for submission of application forms are July 15 and December 15. Forms of application may be obtained from:

British Columbia Association for the Mentally Retarded  
#221-119 West Pender Street, Vancouver 3, B.C.

### C.N.C. Faculty Association Bursaries (U.T., T., V.)

Several bursaries are available to students in all programs. Students must have been in attendance at C.N.C. for at least one semester to be eligible. Further details can be obtained from the Student Services Office.

### Data Processing Management Association Bursary (T.)

The Data Processing Management Association is offering a \$50 bursary to a student entering the third semester of the Data Processing Program. Students must apply at the Student Services Office before 31 March.



### **The Grand Lodge Masonic Bursaries (U.T., V., T.)**

The Grand Lodge of Ancient Free and Accepted Masons of B. C. annually offers bursaries in the range of \$200-\$500 each to the sons, daughters, and legal wards of active members of Masonic Lodges in B. C., or of deceased members who at the time of death were active members of those lodges. The purpose of these bursaries is to give assistance to students who, without financial aid, would find it impossible or difficult to continue their education.

Selection of winners will be made by U.B.C. from applicants with satisfactory academic standing who are beginning or continuing studies at the College of New Caledonia. First preference will be given to applicants entering the College from Grade XII, then to undergraduates in their second year.

In order to be considered, a candidate must obtain from the **Scholarship and Bursary Office, U.B.C.** a Bursary Application form. The completed application must be received **by the University** not later than 15 July. The application must be accompanied by a letter from the Secretary of the Lodge indicating the applicant's association with the Lodge. Since a special committee considers the application for these bursaries, those who also wish to apply for other bursaries should submit a separate application form for them. Each application must be accompanied by a transcript of the student's academic record at the academic institution most recently attended. If the Grade 12 transcript is not immediately available, it must be forwarded at the first opportunity.

### **The Independent Order of Odd Fellows Joint Bursary (T., V., U.T.)**

Three bursaries of \$100 each are available annually to assist students who are undertaking a full time post-secondary education. These bursaries are provided by the Grand Lodge, Rebekah Assembly and the Grand Encampment of the Independent Order of Odd Fellows of B.C. All applicants must have direct connection with one or more branches of the Order through parents, grandparents, or close relations. Special consideration will be given to applicants with financial need.

Full details of the awards and application forms may be obtained from the Secretary of any Odd Fellows or Rebekah Lodge, I.O.O.F. Applications should be submitted to the Odd Fellows or Rebekah Lodge by May 1 so that they may be received by the Committee no later than May 15. All applications must be sponsored by an Odd Fellows Lodge, Rebekah Lodge, or Encampment.

### **B.C. Indian Arts and Welfare Society Memorial Bursary University Transfer, Vocational, Technical**

Two bursaries of \$150.00 will be awarded annually by the B.C. Indian Arts and Welfare Society in memory of those Indian Canadians who gave their lives in either World War.

Native Indian applicants must be from the Province of British Columbia and must be planning to enter one of the established Universities or Colleges in British Columbia, or some recognized Technical School or other training centre.

The awards will be made by the Executive Committee of the B.C. Indian Arts and Welfare Society.

If no application is received from a student entering the first year of university, then the bursary may be awarded to a student enrolled in any of the senior years.

Letters of application should be directed to:

The Honorary Secretary  
B.C. Indian Arts and Welfare Society  
c/o The Provincial Museum  
Victoria, B.C.

All applications must be received by August 15th.



### **The Prince George and District Dental Society**

Student of Dentistry Bursary:

1. The Prince George and District Dental Society offers a Bursary of \$300.00 to a graduate of a Senior Secondary School in, or to a student whose permanent residence is in, that part of the County Cariboo herein called "Prince George and District". The student must be planning to study Dentistry or be currently studying in a Faculty of Dentistry.

Application may be made to the Prince George and District Dental Society, and the recipient of this Bursary will be judged primarily on his or her financial need and scholastic standing.

### **The Prince George and District Dental Society**

Student of Dental Assisting Bursary:

2. The Prince George and District Dental Society offers a Bursary of \$100.00 to a graduate of a Senior Secondary School, or to a student whose permanent residence is in that part of the County Cariboo herein called "Prince George and District". The Student must have been accepted into a School of Dental Assisting at a British Columbia Vocational School.

N.B.: Students should note that neither of the above bursaries are available for application until after acceptance in the Faculty of Dentistry or a School of Dental Assisting.

### **I.W.A. Local 1-417 Bursary (U.T., T.)**

1. The value of this Bursary is \$250.00 to be awarded annually to a regional college student who will register within the next two school years at any university, college, technical school or any other educational institution agreed to by the Selection Committee.
2. The successful applicant will receive payment on submitting evidence that he or she has in fact registered at an educational institution.
3. The payment will be made in two equal installments (one installment in each term or semester) to the successful applicant.
4. If no applicant qualifies, the bursary will be held in trust until the following year, when two \$250.00 awards will be made, if applicable.

### **ELIGIBILITY**

1. An applicant must be a member (as per the International Constitution) of, or a son or daughter of a member, or a son or daughter of a deceased member (as per the International Constitution at time of death) or legal ward or annuitant of a member of Local 1-417, I.W.A.
2. An applicant must be
  - (a) A First Year student at a Regional College taking a full course load.
  - (b) A First Year University or Technical student taking a full load at another educational institution where it is not practical to attend a regional college.

### **BASES OF CHOICE**

1. academic achievement as recorded on Transcript of Marks.
2. Financial need.
3. Other considerations, such as future educational plans, community and college activities and contributions.

Application forms must be submitted to the Secretary of the Local by June 1st of each year. The Selection Committee shall consist of the I.W.A. Table Officers in consultation with the regional college.

### **The J. B. Macdonald Alumni Bursaries – University Transfer**

The John B. Macdonald Alumni Bursaries – In honour of Dr. John B. Macdonald, President of the University of B.C. from 1962-1967, sixteen bursaries of \$350 will be awarded to students entering the U.B.C. in the fall from the regional colleges in B.C. Selection of the winners will be based on academic ability and financial need.

Applications for bursaries awarded by the University and tenable in the winter session must be received by the University Awards Committee, Room 207, Buchanan Building, University of B.C. not later than July 15. Application forms may be obtained at the University Awards Office after May 1.

### **Merrill C. Robinson Bursary (T., V., U.T.)**

The Canadian National Institute for the Blind has established the Merrill C. Robinson Bursary of one thousand dollars which is available to blind students attending any university or college in B.C., other than the University of British Columbia, to assist in graduate or undergraduate studies. Applications are to be directed to the Canadian National Institute for the Blind, British Columbia Division, 350 East 36th Avenue, Vancouver 15, B.C. Applications must be received at CNIB no later than July 31.



## Vancouver Foundation Bursaries (U.T., V., T.)

Funds are available to students who present evidence of sound academic achievement and who have financial need which cannot be satisfied through other sources. If you meet these criteria, the Foundation invites the following:

- A detailed biographical letter outlining the circumstances of your life to date, including extra-curricular activities, employment, savings, and awards or other finds for higher education, and such information that would help a committee to assess your abilities, potentialities, and need;
- A complete current transcript, including the present scholastic year, if available.
- Names of two references, one of whom should be an educator who is acquainted with your latest academic work.

Applications should be submitted by April 1 to:

The Bursary Committee  
Vancouver Foundation  
1105 West Pender Street  
Vancouver 1, B.C.

Final date for applications is July 15, with awards to be announced in August and payable in September.

## Finning Tractor and Equipment Co. Ltd. Business/Administration Bursaries (T)

Finning Tractor and Equipment Co. Ltd. offers a \$200.00 Bursary to a CNC student. The bursary will be awarded to a student entering the second year of the Business Administration program. Please apply at the Student Services Office by December 13.

## Finning Tractor and Equipment Co. Ltd. Heavy Duty Mechanics Bursaries (V)

Finning Tractor and Equipment Co. Ltd. offers two \$150.00 Bursaries to students in the Heavy Duty Mechanics program. Please apply at the Student Services Office by December 13.

## B.C. Indian Arts and Welfare Society Memorial Bursary (T., V., U.T.)

Two bursaries of \$150.00 will be awarded annually by the B.C. Indian Arts and Welfare Society in memory of those Indian Canadians who gave their lives in either World War.

Native Indian applicants must be from the Province of British Columbia and must be planning to enter one of the established Universities or Colleges in British Columbia, or some recognized Technical School or other training centre.

The awards will be made by the Executive Committee of the B.C. Indian Arts and Welfare Society.

If no application is received from a student entering the first year of university, then the bursary may be awarded to a student enrolled in any of the senior years.

Letters of application should be directed to:

The Honorary Secretary,  
B.C. Indian Arts and Welfare Society,  
c/o The Provincial Museum,  
Victoria, B.C.

All applications must be received by August 15th.

## P. G. Construction Association Scholarship

The Prince George Construction Association is offering a \$250.00 scholarship to a student in the Construction Technology program. This award will be given in January and applications must be completed and submitted to the Student Services office by January 6th.

## P. G. Construction Association Bursary

The Prince George Construction Association is offering a \$250.00 bursary to a student in the Construction Technology program. This award will be given in April and applications must be completed and submitted to the Student Services Office by May 3rd.

## SCHOLARSHIPS

Scholarships are awarded for academic excellence. The level of excellence is usually determined by setting a minimum grade point average above which students qualify for consideration. In the context of "qualifying for consideration" scholarships are competitive. Occasionally scholarships are awarded on the basis of academic excellence combined with financial need. Scholarship funds are usually paid directly to the award winner.

### Forest Technology Scholarships

The Forest Technology scholarships are open to any first year Forest Technology Student. They are awarded annually on the basis of scholastic achievement, financial need and the students participation in student affairs and college activities.

These awards are made by various companies in conjunction with the Forestry Instructional Staff of the College. Eligibility is dependent upon the registration of the student in the third semester.

Central Interior Loggers Association	\$500
Howard Lloyd Scholarship	\$250
Council of Forest Industries	\$750 and \$250
Leslie Kerr Memorial. Lignum Limited	\$250
(The latter scholarship is available to any student from Williams Lake or 100 Mile House)	

### Forest Club Scholarships

The Forest Club of the College of New Caledonia awards an annual \$100 scholarship to each of the following high schools.

Smithers High School  
Burns Lake High School  
Vanderhoof High School  
Quesnel High School  
MacKenzie High School  
Prince George Senior Secondary School.

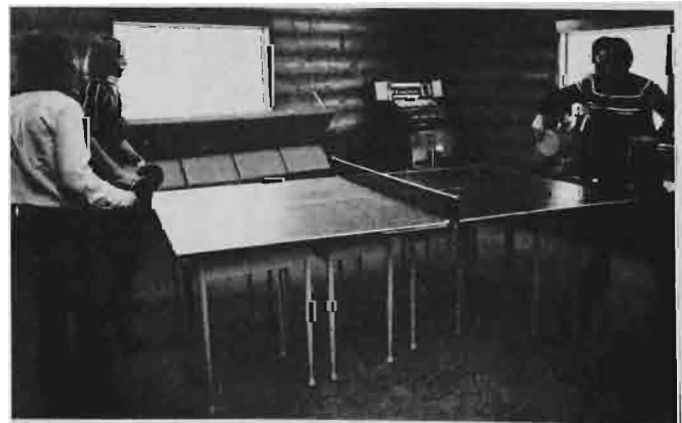
Eligibility is dependent upon registration in the first term of the Forest Technology Program.

### Government of B.C. Scholarships (U.T., T.)

The Provincial Government will give a money-prize in the amount of one hundred dollars (\$100) to each of a number of the top-ranking eligible students at the College of New Caledonia, on the basis of their standing upon completion of a full program of post-secondary studies extending through one semester, provided that the qualifying semester is part of a longer program comprising at least one full academic year. At the designated institutions operating on the semester system these awards may be competed for at the end of each semester.

These prizes may be granted to up to a maximum of seventeen (17%) of the full-time full-program registered students. To be eligible for one of these awards a student must be a Canadian citizen who has resided in the Province of British Columbia for not less than twelve consecutive months preceding the first day of the month in which he commenced the qualifying period of post-secondary studies, or he may be one who has been a landed immigrant for at least twelve consecutive months and who fulfills the above criteria of residence in the Province of British Columbia. These Scholastic Awards will not be granted to students whose average standing in all courses of a full program in the qualifying session is less than 70%.

Each candidate will be required to submit an application on a form available from the Student Services Office. The application form must be completed in full and may be subject to verification. Applications for these Scholastic Awards must be submitted by May 1, to be applied to the Fall Semester, and by January 2 to be applied to the Spring Semester.



### **B.C. Art Teachers' Association Scholarship (U.T., T.)**

The B.C. Art Teachers' Association has scholarship money totalling \$300 for Grade 12 students who continue their art education at college. Interested students must obtain up-to-date information from their Art teachers. Art teachers are informed in early April, through the B.C. Art Teachers' Association Journal, of the scholarship eligibility requirements and application procedures.

### **Council of Forest Industries of B.C. Northern Interior Lumber Sector Scholarships**

The C.O.F.I. awards annually two scholarships to the two top students completing the first year of the Forest Resource Technology program, and planning to enroll in the second year of the program at C.N.C. The student having the highest academic standing at the end of the first year will be awarded a scholarship in the amount of \$750.00, the second ranked student will be awarded a scholarship in the amount of \$250.00. Any student enrolled in the complete first year program in Forest Resource Technology is eligible for the C.O.F.I. Scholarships. Applications are not required; the two top ranked students will be notified they have received an award following completion of their first year program of studies.

### **The Institute of Chartered Accountants of British Columbia Scholarships (U.T.)**

The Institute of Chartered Accountants of British Columbia will in 1974 make available three scholarships of \$250 each to Grade 12 candidates graduating from a British Columbia high school or similar Provincial Institution.

Application forms for these scholarships may be obtained from the school counsellors, or from the Director of Education of the Institute of Chartered Accountants of B.C., 350 Burrard Street, Vancouver 1, B.C.

#### **REGULATIONS:**

1. Scholarship candidates must plan to enrol and continue throughout the subsequent academic year in either one of:

- a) a full-year program of undergraduate work at a university in B.C.
- b) a full-year program in the university transfer stream of a two-year post Grade 12 institution.

2. Scholarship candidates must write examinations approved by the Department of Education for Provincial Scholarships.

3. Scholarship candidates who accept other scholarships and bursaries for the same academic year valued in aggregate at more than \$350 will not be eligible for an Institute scholarship. (A Provincial Government Scholastic award will not be reckoned in this aggregate.)

The awards will be made to students who achieve good scholastic standing on the prescribed examinations.

Other factors being equal, candidates who plan ultimately to train for a career in professional accounting, commerce, or related field will be given preferential consideration.

### **Hockey Canada Scholarships (U.T., T.)**

Hockey Canada was established in 1969 to encourage young men in two important fronts — the pursuit of post-secondary education and the development of proficiency in the game of hockey. The field of study is unrestricted, and is at all levels of post secondary education. Value of \$2,000.00 annually, and a maximum number of ten. The duration is for four consecutive years or until a university degree or community college diploma is obtained, whichever is the sooner, and provided the student established continuing eligibility with respect to academic and hockey progress. These scholarships are open to candidates with outstanding hockey ability who are Canadian citizens or who have held landed immigrant status for at least one year and who have graduated or are about to graduate from a secondary school with an average of at least 65% in the year of graduation, or who are presently enrolled or have been enrolled in a post secondary institution. They are tenable throughout Canada at any community college; CEGEP; or university or college, which is a member or affiliated to a member of the Association of Universities and Colleges of Canada having a viable hockey program.

Closing date for receipt of applications is January 31. For further information and application forms, please contact Director of Awards, AUCC, 151 Slater Street, Ottawa, Ontario K1P 5N1

### **Inland Natural Gas Ltd. Scholarship**

Inland Natural Gas Ltd. offers a \$250.00 scholarship to a student entering either a second or third year Science program or a Commerce program at a B.C. University. Applications will also be accepted from students who are applying to the Natural Gas and Petroleum Technology at B.C.I.T. This award is restricted to a student whose home address is within the Company's distribution area. Students wishing further information and an application form should report to the Student Services Office.

Applications must be submitted to Student Services by April 30th.

### **Military Service Scholarships — University Transfer**

College students may apply for sponsorship under the Regular Officers Training Plan (ROTP), or the Reserve Officer University Training Plan (ROUPT). Training given under these plans is divided into two parts: normal attendance at university and possibly college throughout the academic year and military training each summer.

#### **a) Regular Officers Training Plan (ROTP)**

This plan combines university subsidization with career training as an officer in the Regular Component of the Canadian Forces. Successful candidates are enrolled in the rank of Officer Cadet. They are required to maintain a good standing both academically and militarily while in the plan. All tuition and other essential fees are paid by the Department of National Defence. In addition, the Officer Cadet receives an annual grant of \$125 to purchase books and instruments, and is paid \$193 a month for personal and living expenses. Free medical and dental care is provided. Annual leave (30 days plus travelling time) with full pay and allowances may be granted each year, usually after the summer training period. On graduation, the Officer Cadet is promoted to the commissioned rank of Lieutenant.

#### **b) Reserve Officer University Training Plan (ROUPT)**

This plan carries no service obligation but provides an opportunity for selected undergraduates to prepare themselves for promotion to commissioned rank in the Reserve Component of the Canadian Forces. They are selected during the first months of the University year by the local Reserve Unit and are enrolled as Officer Cadets in the Primary Reserve. Cadets receive pay for training completed at local Reserve Units during the academic year (up to 15 days) and at training bases during the summer (up to 16 weeks).

For these scholarships, an applicant must:

- a) Be a Canadian citizen
- b) be single and remain so until commissioned (ROTP only), ROUPT applicants may be married
- c) if ROTP, be between the ages of 16 and 21 on 1 January of the year he commences first year studies. If ROUPT between the ages of 17 and 38.

Interested students are requested to contact one of the following:

For ROTP — Commanding Officer  
Canadian Forces Recruiting Centre  
545 Seymour Street, Vancouver 2, B.C.

For ROUPT — Commanding Officer  
Canadian Armed Forces Reserve  
Hangar 5, North Jericho  
4050 West 4th Avenue, VANCOUVER 8, B.C.

### **Nancy Greene Scholarships 1973/74 (U.T., V., T.)**

Twenty scholarships, each for \$750, will be awarded in 1974 to those British Columbia students who apply and who best combine the qualifications set out hereunder.

Any student currently registered in a senior secondary school (including independent and private schools) in British Columbia who plans to pursue an educational program at any designated post-secondary educational institution in the Province of British Columbia.

Applicants must show evidence of:

1. Good school and community participation and citizenship.
2. Leadership and character.
3. Scholastic achievement.
4. Athletic ability and performance.

#### **HOW TO APPLY:**

1. Write a personal letter of application to the Selection Committee, in which you must specifically outline your scholastic and athletic achievements in Grades XI and XII, your educational goals, and your participation in school and community programs and affairs. Address the letter c/o The Deputy Provincial Secretary, Parliament Buildings, Victoria, B.C.

2. The applicant should request his, or her, school principal to send a confidential supporting letter direct to the Selection Committee. The principal is requested to attach a statement of grades or marks and a statement certifying athletic and other participation.

3. The applicant should request one other prominent individual in the Community to send a confidential supporting letter direct to the Selection Committee.

Applications will be reviewed by a Selection Committee which will include representatives from the British Columbia Amateur Sports Council and the Department of Education.

The scholarships will be made available to successful applicants after proof that he, or she, has been accepted by the institution concerned and has registered, provided they are not in receipt of a similar or other major award of \$500 or more.

All applications and supporting letters should be postmarked not later than June 1, 1974, and are to be addressed to:

THE SECRETARY  
NANCY GREENE SCHOLARSHIPS  
DEPUTY PROVINCIAL SECRETARY,  
PARLIAMENT BUILDINGS, VICTORIA, BRITISH COLUMBIA.

### Northwood Pulp Ltd. Scholarships (U.T., V., T.)

Northwood Pulp Ltd. will be offering scholarships for students in all divisions.

#### DISTRIBUTION

One award to a student continuing to the second term of a ten month course in the Vocational Division of C.N.C.

One award to a student continuing to the third semester of a Technical or Arts and Science Division program at C.N.C.

Two awards to students continuing to the third year of a degree program at a B.C. University.

Applications are available in Student Services.

### Paper Technology Scholarships (U.T)

Western Michigan University offers a number of scholarships for Canadian Students who are interested in enrolling in a program of the "Paper Technology Foundation, Inc. for the Department of Paper Technology".

Awards range from \$1,600 to \$4,500 for the four years. Students wishing further information are asked to contact the Student Services Office.

### Simon Fraser University Regional College Entrance Scholarships (U.T.)

A number of scholarships ranging in value from \$75.00 to \$300.00 will be available to students entering Simon Fraser from Regional, Junior or Community Colleges.

Students who have completed one or two years of study at such institutions and have maintained a high academic average on a full course load, and who have been recommended for the scholarship by the college from which they are transferring, will be considered.

Only students who are proceeding with further university studies within one year of completion of one or two years of study at the Regional College level will be eligible. Students who are not enrolled in a full university course load will ordinarily not be eligible.

Application may be made at the Financial Aid Office during the first two weeks of lectures of each semester.

### Sons of Norway Foundation in Canada.

Three scholarships of \$300.00 each are offered by The Sons of Norway Foundation in Canada to members of Sons of Norway who have been members of a B.C. Lodge for at least one year.

They are open to students who show evidence of sound academic performance and financial need.

The awards are tenable at any recognized junior College, Vocational Institute or University in B.C. and can be for any year of undergraduate study.

Applications available in Student Services.

Forward applications, not later than July 30, to Sons of Norway Foundation in Canada, 6480 Grant Street, Burnaby 2, B.C. V5B 2K6.

### The Certified General Accountants' Association of B.C. Scholarship (T.V)

The Certified General Accountants' Association of British Columbia offers a \$250.00 Scholarship to a student at the College of New Caledonia. For further details of this award contact the Student Services Office.

### Women's Committee of the Vancouver Symphony Society Scholarship University Transfer

The Women's Committee of the Vancouver Symphony Society is pleased to announce that it is sponsoring its annual Scholarship Competition open to advanced students of orchestral instruments including Strings, Woodwinds, Brass, Harp, and Percussion (Tympani, Batterie, Mallet).

An award of \$1,000 will be presented to the winner of the Violin class and a second award of \$1,000 will be made to the winner of the other classes combined.

Applicants must be under the age of twenty-four and must have been residents of British Columbia for at least one year.

The Competition is to be held in Vancouver, B.C. on April 27 and April 28, 1974, and applications accompanied by a \$5.00 entry fee must be postmarked not later than midnight February 28, 1974.

Further information, application forms and lists of rules may be obtained from the Scholarship Committee Chairman:

Mrs. J. R. Ferris  
1136 Seaport Road  
Richmond, B.C.  
Telephone: 274-7122

or

Mrs. R. R. H. Sturgess  
5210 Marguerite Street  
Vancouver, B.C.  
Telephone: 261-4636

### Prince George Senior Secondary School Student's Council Scholarship

The purpose of this \$100.00 award is to assist any student of Grade XII to continue his or her education or training at any recognized institution, university, college, nursing school, commercial or vocational school, or equivalent.

Basis of award will be:

1. Academic achievement
2. Leadership qualities
3. Citizenship

4. Preference will be given to students who have made a real contribution to the school in Grades XI and XII.

Selection of candidates will be made by the Scholarship Committee.



### The Vancouver Sun Regional College Entrance Scholarships for Sun Carriers

The Vancouver Sun offers annually three scholarships of \$250 each to students proceeding in the fall from Grade XII to the first year at a public regional college in B.C., in a full program of studies (comprising two consecutive semesters or the equivalent) in courses leading to a University degree. To be eligible an applicant must have been a carrier of The Vancouver Sun for at least two consecutive years and must write the Scholarship Examinations conducted in June by the Department of Education, B.C. The scholarships will normally be awarded to the three qualified applicants who rank highest in these examinations, but standing obtained in other subjects taken during the year may be considered, and always in case of a tie. A winner who ranks in the top 10% of the students in the College he has attended and who proceeds to the second year of the College in a full program of studies leading to a University degree will be granted a renewal in the same amount. A winner who, after completion of one or two years of College, transfers to a full course of studies at a public University in B.C., and who ranks in the top 10%, at the time of transfer, among the students of his year in the College, will qualify for a further scholarship of \$500. For continued attendance at this University he may then be eligible for up to two further renewals until he obtains his first under-graduate degree. Renewal each year is conditional upon his ranking in the top 10% of students in the Year and Faculty in which he is registered. A candidate for these awards must apply on the "General Application Form", which may be obtained from, and must be returned by May 15th, to the Scholarship Office, Room 207, Buchanan Building, University of B.C., Vancouver 8, B.C. The application must be accompanied by the service certificate of The Vancouver Sun.

#### I. B. M. Scholarship

International Business Machines annually awards a scholarship to the value of \$200 to a student entering the third semester of the Data Processing Program.

Application forms are available from the Student Services office and must be submitted by 31 May each year.

#### BURSARIES

Bursaries are awarded on the basis of financial need and additional factors as may be prescribed by the donor. Bursaries are money grants and are usually payable to the College as a credit to the student's account to defray or reduce the cost of tuition or other expenses.

#### LOANS

Loans are awarded on the basis of financial need. Loans may be either interest free or at a reduced rate of interest as prescribed by the lending agency.

#### The Government of Canada Student Loans Plan (U.T., V., T.)

This is a plan introduced by the Federal Government to assist students who, without loan assistance, would be unable to pursue full-time post secondary studies at a specified educational institution. The maximum loan for an academic year is \$1400.00. Total loans to any student cannot exceed \$9,800.00. A loan of up to \$700.00 may be authorized for a single semester which is part of a longer program of study. Borrowers under the plan are required to pay principal and interest by regular monthly instalments. Payments commence six months after the borrower ceases to be a full time student at a specified educational institution. No payments are made while the borrower is a full time student nor for six months thereafter. Interest during this period is paid by the Federal Government on behalf of the student. Need for loan assistance is determined by Provincial Loan Authorities in accordance with Administrative criteria established for use throughout Canada. A parental contribution table is an integral part of the criteria and it is applied in all cases where the student has not established financial independence as defined in the Canada Students Loan Plan. Students are expected to save a substantial amount of income from summer or other employment. Lack of funds due to unessential spending may not be considered as unavoidable need for loan assistance. Students who apply for loans should consider carefully the repayment obligation being undertaken. A student in need of a Canada Student Loan must, as a first step, obtain an application form from the institution he plans to attend. The application must be completed carefully and accurately by the student, and where applicable, by his parents. Applications require declarations by both the student and his parents that all information provided is correct. When the application is completed it must be submitted to the Student Services Office.

Only vocational division students enrolled in the following programs are eligible:

- Bookkeeping and Accounting
- Secretarial
- Drafting
- Practical Nursing
- Dental Assisting



### B. C. Youth Foundation Loans (U.T., V., T.)

The B.C. Youth Foundation was founded in 1946 by a donation from the late Mr. Jos. A. McKercher. The additional bequest has since been received from the estate of the late Mr. E. S. H. Winn.

Interest free loans are made to bona-fide B.C. young people to a maximum age of thirty. Loans may be for fees, books, and or a monthly allowance to assist with living expenses where the applicant is not living at home. Students who are unable to qualify for student loans from the Government of Canada may apply to Student Services for information regarding loans from the B.C. Youth Foundation. Upon meeting the eligibility requirements, the student will be referred to Mr. S. E. Walmesley, Vancouver School Board, 1595 West 10th Avenue, Vancouver, for an interview.

The loans are not designed only for University or College education, but are also made available to students completing grade twelve or studying in technical or vocational fields.

A suitable adult guarantor is usually required. However, it is preferable that students should contribute some of their own money to the cost of their education.

### Rotary Emergency Loan Fund (U.T., T., V.)

The Prince George Rotary club has donated a sum of money from which students may be granted emergency short term loans of up to \$50.00

Applications will only be accepted from students who have exhausted all other avenues of financial assistance, but require a small loan for emergency purposes and can give specific assurance that the loan will be repaid within the time specified on the application. Application forms are available from the Student Services Office.

Students in receipt of income replacement or similar allowances are not eligible to receive emergency loans.

### The P.E.O. Educational Fund Loan

The P.E.O. Education Fund makes loans available to qualified women who desire higher education as a means of becoming self-supporting. Loans are made for educational purposes only.

First or second year female students may draw up to \$900 for one academic year of study. A first year student must have hours of credit equivalent to one semester, at the College of New Caledonia. See Student Services.

## OTHER ASSISTANCE

### Health Branch Division for Aid to Handicapped (U.T., V., T.)

Students who are disabled and receiving medical attention and wish to attend C.N.C. may be eligible for financial assistance from the Division for Aid to Handicapped. It should be noted that such assistance must be part of a rehabilitation plan approved by the Division and may not be requested as a bursary or scholarship. For further information regarding eligibility, please address inquiries to:

Director  
Division of Aid to Handicapped  
Box 4020  
Postal Station D  
VANCOUVER 9, B.C.

### C.N.C. Subsidy (U.T., T.)

The College Council has established an accommodation subsidy for **in-region** students whose permanent residence is more than 20 miles from the College and who are enrolled in 9 or more credit hours of College work, or a specified full-time program of at least 16 weeks duration. Students receiving assistance from any government agency are not eligible for the C.N.C. Subsidy.

The subsidy is paid to qualifying students at the end of each month they are in regular attendance in classes in which they are registered at the following rates:

Students enrolled in 9 credit hours — \$40.00 per month  
Students enrolled in full-time programs  
— \$50.00 per month

To receive the C.N.C. Subsidy a student must:

- Apply to the Registrar for the C.N.C. Subsidy
- Prove his permanent residence is **in-region** and more than 20 miles from the College if requested to do so
- Be formally enrolled in the College
- Regularly attend classes



## ADVISORY COMMITTEES

### APPLIED CRIMINOLOGY

Inspector R.N. Baynes Warden B. Bjanrnson	R.C.M.P., Prince George, B.C. B.C. Correctional Institute, Prince George, B.C.
Mr. J. Gibson	National Parole Board, Prince George, B.C.
Inspector G.J. Greig Mr. R. McKellar	R.C.M.P., Prince George, B.C. B.C. Probation Service, Prince George, B.C.
Superintendent L.E. Rosberg Judge G. Stewart	R.C.M.P., Prince George, B.C. City Prosecutor, Prince George, B.C.

### BUSINESS ADMINISTRATION AND E. D. P.

B. Boyd Mrs. Scully	Prince George Regional Hospital Bank of Montreal, Prince George, B.C.
D. Green	Canada Permanent Trust, Prince George, B.C.
L. Winthrop F. Wall	Prince George Pulp and Paper Woodwards, Prince George, B.C.
D. McIvor B. Dyke	Prince George Pulp and Paper School Dist. #57, Prince George, B.C.
D. Boughie	Northwood Pulp and Timber, Prince George, B.C.
V. Dean	Aurora Data Centre, Prince George, B.C.
J. Evans	Citizen Newspaper, Prince George, B.C.
J. Ullstrom	Gardner McDonald Ltd., Prince George, B.C.
C. Bristow	Canada Manpower, Prince George, B.C.

### COMMERCIAL PROGRAMS

Mr. C. Lenfesty	Office Manager, Prince George Pulp & Paper Ltd., Prince George, B.C.
Mr. G. Gibbins	Chartered Accountant, Willets, MacMahon, Thibaudeau & Co., Prince George, B.C.
Mr. G. Hyde Mrs. M. Sieck	B.C. Railway, Prince George, B.C. Medical Records, Prince George Regional Hospital, Prince George, B.C.

### CONSTRUCTION TECHNOLOGY

Mr. D. H. Boulton Mr. G. Creuzot	Estimator, Prince George, B.C. Housing and Development, Prince George, B.C.
Mr. J. R. Lewis	Consulting Engineer, Prince George, B.C.
Mr. K. A. Lunn	Mechanical Contractor, Prince George, B.C.
Mr. T. A. Morrow Mr. W. Plumridge	Architect, Prince George, B.C. President, P.G. Construction Association, Prince George, B.C.
Mr. J. Row	General Contractor, Prince George, B.C.
Mr. M. Sambad	Electrical Contractor, Prince George, B.C.
Mr. P. Sorensen	Secretary-Manager, P.G. Construction Association, Prince George, B.C.
Mr. E. Unger	General Contractor, Prince George, B.C.
Mr. T. H. West	Architect, Prince George, B.C.

### FOREST RESOURCE TECHNOLOGY

Mr. D. Flynn	Flynn Bros. Logging, Prince George, B.C.
Mr. W. Haviland	Prince George Pulp Ltd., Prince George, B.C.
Mr. P. Bodman	West Fraser Timber Ltd., Quesnel, B.C.
Mr. S. Higginson	Eurocan Pulp & Paper Ltd., Burns Lake, B.C.
Mr. W. Young	B.C. Forest Service, Prince George, B.C.
Mr. G. Marples	Takla Logging Ltd., Prince George, B.C.

Mr. J. Potter	Carrier Lumber Co., Prince George, B.C.
Mr. H. Anderson	Netherlands Overseas Mills Ltd., Prince George, B.C.
Mr. A. Nevison	Industrial Forestry Service, Prince George, B.C.
Mr. D. McKay	Ferguson Lake Sawmills Ltd., Prince George, B.C.
Mr. K. Elliott	B.C. Forest Products Ltd., Prince George, B.C.
Mr. H. Lloyd	Lloyd Bros. Logging Ltd., Prince George, B.C.
Mr. T. Mogensen	International Woodworkers of America, Prince George, B.C.
Mr. D. Little	Northwood Pulp and Paper Limited, Prince George, B.C.

### DENTAL ASSISTING

Dr. D. Bowler	Prince George, B.C.
Dr. J.E. Fahey	Prince George, B.C.
Dr. H. Hann	Prince George, B.C.
Dr. D. Waller	Prince George, B.C.

### DRAFTING

Mr. Art Beaumont	Department of Highways, Prince George, B.C.
Mr. Tom West	Prince George, B.C.
Mr. Stuart Ross	Prince George, B.C.
Mr. L. Smeds	B.C. Telephone, Prince George, B.C.
Mr. S.H. Back	Northwood Pulp & Paper Ltd., Prince George, B.C.
Mr. L. Bartell	Prince George, B.C.

### EARLY CHILDHOOD EDUCATION

Mrs. M. Selody	Prince George Day Care Society, Prince George, B.C.
Miss K. LaVoie	School Dist. #57, Prince George, B.C.
Mrs. L. Mann	School Dist. #57, Prince George, B.C.
Dr. D. Rubadeau	College of New Caledonia Prince George, B.C.
Mrs. K. Ho	Department of Human Resources, Prince George, B.C.
Mrs. C. Thompson	Vanderhoof, B.C.
Mrs. J. Rogowski	Willow Day Care Centre, Prince George, B.C.
Miss P. Pullen	Public Health Nurses, Prince George, B.C.

### NATIVE STUDIES

Mrs. A. Cadieux	Prince George, B.C.
Mr. B. Bryant	Chandler Park Junior Secondary School, Smithers, B.C.
Miss D. Sterling	Chandler Park Junior Secondary School, Smithers, B.C.
Miss S. Joseph	Chandler Park Junior Secondary School, Smithers, B.C.
Mr. E. Peter	College of New Caledonia, Prince George, B.C.
Mrs. W. Marcellais	N.I.C., Prince George, B.C.
Mrs. M. Mueller	Doh Day-de-claa Friendship Centre, Prince George, B.C.
Mr. J. Mueller	B.C.A.N.S.I., Prince George, B.C.
Mr. H. Morin	B.C.A.N.S.I., Prince George, B.C.
Mrs. F. Lanigan	B.C.A.N.S.I., Prince George, B.C.
Mrs. M. McGuire	B.C.A.N.S.I., Prince George, B.C.
Miss M. Michelle	Doh Day-de-claa Friendship Centre, Prince George, B.C.
Mr. B. Sebastian	Doh Day-de-claa Friendship Centre, Prince George, B.C.
Mr. H. George	Doh Day-de-claa Friendship Centre, Prince George, B.C.
Mr. N. Prince	Prince George, B.C.
Mrs. I. Prince	Prince George, B.C.
Mr. B. Cardinal	College of New Caledonia, Prince George, B.C.
Mrs. M. George	Indian Affairs Office, Prince George, B.C.
Mrs. L. Thomas	Prince George, B.C.
Mrs. E. Patsey	Prince George, B.C.

**LOGGING**  
 Mr. W. Bellmond Prince George Truck Loggers Association, Prince George, B.C.  
 Mr. B. Stowell The Pas Lumber Co., Prince George, B.C.  
 Mr. C. Redding Northern Interior Lumberman's Association, Prince George, B.C.  
 Mr. J. Togyi Takla Logging, Prince George, B.C.

**MEDICAL LABORATORY TECHNOLOGY**  
 Mr. G. Fisher Prince George Regional Hospital, Prince George, B.C.  
 Dr. V. Fraser Prince George Regional Hospital, Prince George, B.C.  
 Mr. T. Dawkins Prince George Regional Hospital, Prince George, B.C.  
 Dr. J. Godel Vanderhoof Hospital, Vanderhoof, B.C.

**MUNICIPAL ADMINISTRATION**  
 Mr. J. Hotell Prince George, B.C.  
 Mr. C. Jeffery City of Prince George, B.C.  
 Mr. W. Kennedy District of Fraser - Fort George, B.C.  
 Mr. H. Moffat City of Prince George, B.C.  
 Mr. J. Pousette District of Kitimat - Stikine, Terrace, B.C.  
 Mr. L. Rodger Prince George Senior Secondary School  
 Mr. J. G. Wilson Prince George, B.C.

**PRACTICAL NURSING**  
 Miss E. Sparks Prince George Regional Hospital  
 Mr. W. Ayotte Prince George Regional Hospital  
 Mrs. S. Merrick Prince George Regional Hospital

Miss P. Pullen  
 Mrs. E. Gerdes  
 Mrs. K. Green

Mr. R. Seeds  
 Mr. T. Martell, Sr.

Mr. T. Martell, Jr.

Mr. J. Thompson

Mr. H. Witt

Mr. R. Daniels

Mr. T. Arnold

G. Juraschka

J. Wiren

H. Hausot

M. Wilson

R. Fenning

J. Horning

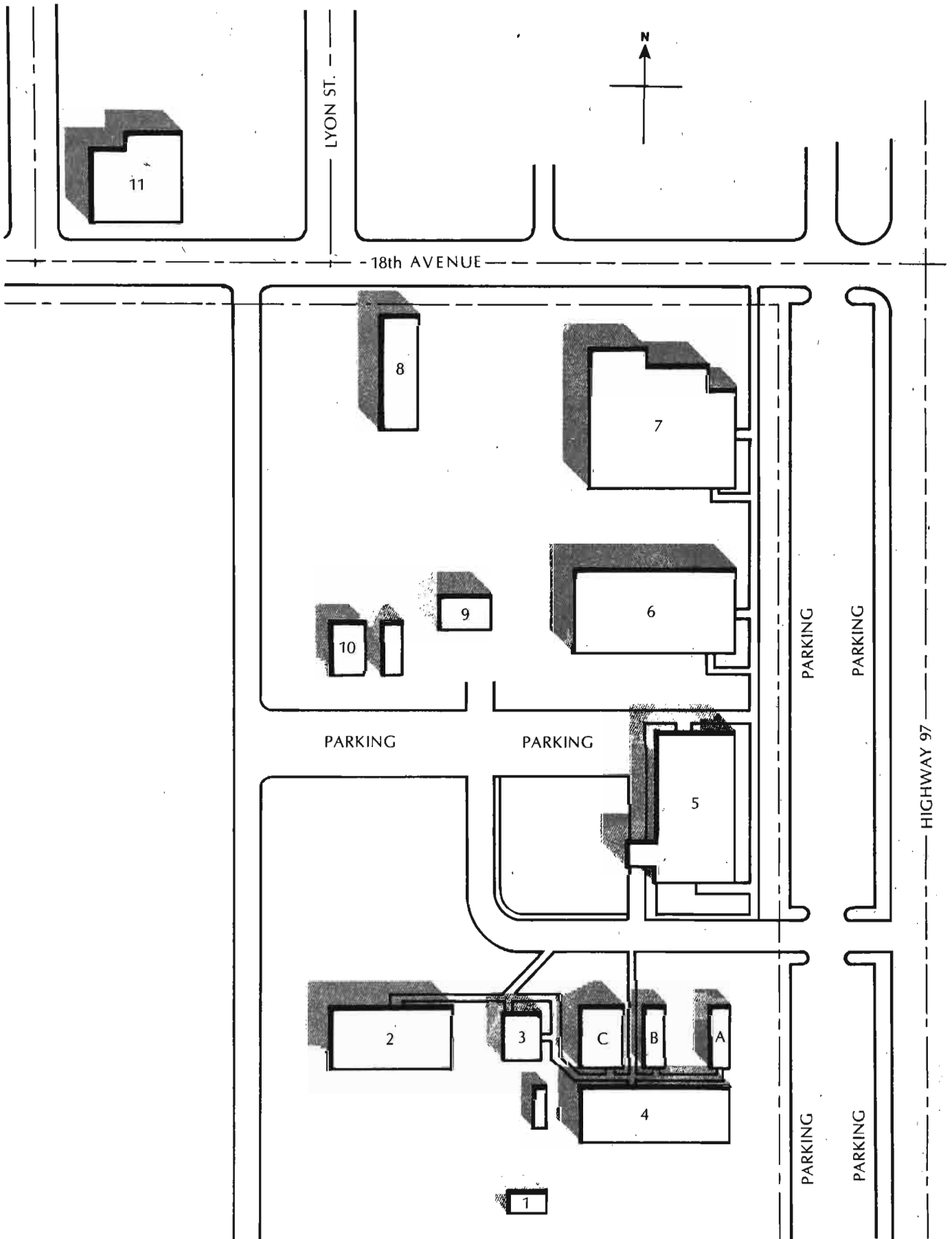
Department of Public Health  
 Department of Public Health  
 G.R. Baker Hospital, Quesnel, B.C.

**SMALL ENGINE REPAIR**  
 Northern Magneto, Prince George  
 Tom Martell Ltd., Prince George, B.C.  
 Tom Martell Ltd., Prince George, B.C.  
 Forest Chain Saw, Prince George, B.C.  
 Howies Marine Service, Prince George, B.C.  
 Interior Power Saw Sales & Service, Prince George, B.C.  
 T.G.R. Sales & Service, Prince George, B.C.

**WELDING**  
 Prince George Pulp & Paper Ltd., Prince George, B.C.  
 Northwood Pulp & Paper Ltd., Prince George, B.C.  
 Hausot Bros. Welding & Fabricating, Prince George, B.C.  
 Finning Tractor Ltd., Prince George, B.C.  
 Lakeland Sawmills, Prince George, B.C.  
 Brentwood Trailers Ltd., Prince George, B.C.

### C.N.C. FACULTY LIST (January 1974)

L. Anderson		General Welding	G.M. Ingalls	B.A.	Philosophy
L.M. Blackman		Dental Assistant	R.B. Insley	B.Sc., M.Sc.	Mathematics
M.L. Baehr	B.A.	Commercial Training	C.H. Jarosch	B.S.A.	Biology
M.C. Barrera	B.A., M.A.	Spanish	I.C. Johnston	B.Sc., B.A., M.A.	English/Humanities
J.F. Bass	B.A., M.A.	Anthropology/Sociology	J.J. Keefe	R.P.F.	Forestry
P.G. Bauslaugh	B.Sc., Ph.D.	Dean of Arts and Science Division	D.F. Kos	B.Sc., M.A.	English
P.V. Beckmann	B.Sc., M.Sc.	Mathematics	G.F. Leonard	B.A., M.A.	History
P.J. Benson	B.A., C.A.	Accounting	A.L. Leveridge	Dip.Tech., C.I.M., C.D.P.	Director, Computer Centre
W. Blits		Small Engine Repair	J.T. McDonald	B.S., M.A.	Psychology
L.D. Bryce	R.N.	Practical Nursing	B.B. McKinnon	B.A., M.A.	English
(half-time)			G. McMullen	R.N.	B.T.S.D. Upgrading
S.J. Burgess		Heavy Equipment Operating	(half-time)		
L.J. Carlsen	B.A.	Commercial Training	J.A. McVey	M.A., M.A.	Geography
M. Croken	R.N.	Practical Nursing	B.A. Mackie		Log Building Construction
D.A. Crampton	B.A.	B.T.S.D. Upgrading	R.G. Maida	B.A., M.S.	Counsellor
J.P. Crow	B.Sc., Ph.D.	Chemistry	J.L. Maisonneuve	R.N.	Practical Nursing
A.R. Cunningham		Logging	R.W. Martin		Welding Upgrading
A. Danesh	B.A., M.A.	Political Science/Sociology	G.F. Miles	B.A., M.A., Ph.D.	English
K.H. Dawson		Coordinator of Extension, Vocational Division	R.M. Miller	B.Sc.	Data Processing/Business Administration
A.W. Dayle		Dean, Technical and Vocational Division	R.H. Nelson	B.Sc., M.Sc., Ph.D.	Physics/Mathematics
A.T. Deas	B.Sc., M.Sc.	Mathematics/Physics	M.M. Nicholas	B.Sc.	B.T.S.D. Upgrading
R.G.B. Dickens	B.S.F., R.P.F.	Forestry	E.E. Peacock		Drafting
G.R. Dowden	B.Sc., B.A., M.A.	English	G.J. Powers		Automotive Mechanics
A.J. Dumas	B.Sc., P.Eng.	Construction Technology	I.F. Reaugh		Logging
R.O. Dunsmore	B.S.F.	Forestry	P.J. Roberts	B.P.E.	Counsellor
P.H. Durkee	B.B.A., M.A.	Economics	P. Robinson	B. Com., M.B.A.	Business Administration
E.L. Faulkner	B.S.C., M.Sc., Ph.D.	Physics/Geology	D.O. Rubadeau	B.A., M.Sc., Ph.D.	Psychology
C.J. Fortin		Welding	W.L. Rush	B.Sc.	B.T.S.D. Upgrading
O.L. Gagne		Heavy Equipment Operating	P.I. Sahlin		Commercial Training
M.D. Gee	B.Ed., Comm. Cert., F.T.M. (Dip.)	B.T.S.D. Upgrading	R.W. Scales	B.A., M.Ed.	Dean of Students and Registrar
F.C. Gelin	B.A., M.A., Ph.D.	Psychology/Director of Extension, Arts and Science and Career Programs	J.K. Sedgwick	B.A., M.A.	Geography
E.C. Genser	B.Ed., M.Ed.	Art	P.D. Seens	B.A., M.A., M.L.Sc.	Librarian
C.C. Cirvan	B.A., M.A.	French/Spanish	J.L.C. Sketchley		Heavy Duty Mechanics
R.B. Green	B. Comm., C.A.	Commercial Bookkeeping	F.J. Speckeen	B.A., B.D., Ph.D.	Principal
J.F. Greenberg	B.A.	Early Childhood Education	T.C. Stageberg	B.S.Ed., M.Ed.	Study Skills
J.D. Harris	B.A., M.A.	English	S.W. Stefanson		Logging
G. Heinzmann	R.N.	Practical Nursing	L.M. Teygeman		Director of Food Technology and Hospitality Services
D. Hopp	B.Sc., M.Sc., Ph.D.	Biology	W.R. Van Nest	B.A.	B.T.S.D. Upgrading
D.R. Hudson	B.A., M.A.	Anthropology/Sociology	R.C. Watters	B.A.Sc., P.Eng., R.P.F.	Forestry
B.E. Husband	B.Com., B.L.Sc., M.B.A.	Librarian	R.K. White	B.A., M.A.	Theatre
			D.J. Zimka	B.Sc.	Practical Nursing
			(part-time)		





## Map of College

### COLLEGE OF NEW CALEDONIA CAMPUS

- LAB A – GEOLOGY  
GEOGRAPHY
- LAB B – PHYSICS
- LAB C – FORESTRY
- LAB D – FIRE SIMULATOR
- 1. FORESTRY OFFICE
- 2. QUESNEL BUILDING
  - CLASSROOMS
  - FACULTY OFFICES
- 3. LOG CABIN
  - STUDENT LOUNGE
- 4. SMITHERS BUILDING
  - LIBRARY-CLASSROOMS
- 5. VANDERHOOF BUILDING
  - ADMINISTRATION
  - STUDENT SERVICES
  - BOOKSTORE
  - CAFETERIA
  - COMPUTER
  - B.T.S.D.
  - BUSINESS AND COMMERCE
  - DRAFTING
  - DENTAL ASSISTING
  - PRACTICAL NURSING
- 6. McBRIDE BUILDING
  - AUTOMOTIVE MECHANICS
  - HEAVY DUTY MECHANICS
  - CLASSROOMS
- 7. MACKENZIE BUILDING
  - SMALL ENGINE REPAIR
  - WELDING
  - CLASSROOMS
- 8. SAWMILL
- 9. BOILER HOUSE
- 10. BURNS LAKE BUILDING
  - BIOLOGY LAB
  - CHEMISTRY LAB
- 11. WAREHOUSE
  - ART
  - BALLET
  - CREATIVE PRINTING
  - THEATRE

## 1974-1975 COLLEGE CALENDAR

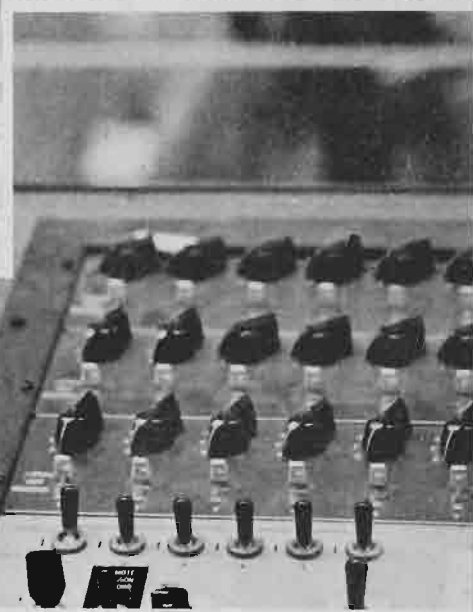
### FALL SEMESTER 1974

July 2 – Aug. 3	Pre-registration interviews for new and returning students – Arts and Science and Career Divisions.
Aug. 13-31	Advance registration.
Aug. 26	Industrial Orientation program commences for all Forestry Resource Technology students.
Aug. 26	Registration Forest Resource Technology.
Sept. 2	Labour day – College closed.
Sept. 4	Registration and payment of fees – All divisions.
Sept. 3	Orientation Program for new students, First day of classes, Small Engine Repair, Class (A). Heavy Equipment Operators, Class (C), and ten month Vocational Division Programs.
Sept. 5	Fall Semester classes commence – University Transfer and Technical Programs.
Sept. 23	Last day for late registration – University Transfer and Technical Programs.
Sept. 23	Last day for refund of 80% of Fall Semester tuition fees – University Transfer and Technical Programs.
Sept. 30	Last day for course, section or program changes – Fall Semester.
Oct. 7	Last day for refund of 50% of Fall Semester tuition fees – Arts and Science and Career Divisions.
Oct. 14	Thanksgiving Day – College closed.
Nov. 11	Remembrance Day – College closed.
Nov. 15	Last day for application for Certificates or Diplomas at end of Fall Semester (applicable to students enrolled in programs of at least four months duration).
Nov. 18	Last day to withdraw from courses in University Transfer or Technical Programs without incurring an 'F' grade.
Nov. 18	Pre-registration interviews for Spring Semester begin – Arts and Science and Career Divisions.
Dec. 11-15	Advance Registration – Spring Semester, Arts and Science and Career Divisions.
Dec. 19	Last day of classes – Fall Semester, for University Transfer and Technical Students.
Dec. 20	Last day of classes – Fall Semester, for Vocational Division students.
Dec. 25-26	Christmas – College closed.

### SPRING SEMESTER 1975

Jan. 1	New Years Day – College closed.
Jan. 2	Classes re-commence for continuing courses – Vocational Programs.
Jan. 6	Registration and first day of classes – Automotive Mechanical Repair and Forest Resource Technology.
Jan. 6-10	Registration – Arts and Science and Career Division.
Jan. 13	Classes commence – University Transfer and Technical Programs – Spring Semester.
Jan. 27	Last day for late registration – University Transfer and Technical Programs.
Jan. 27	Last day for refund of 80% of Spring Semester tuition fees – University Transfer and Technical Programs.
Feb. 3	Last day for course and section changes, University Transfer and Technical Programs.
Feb. 10	Last day for refund of 50% of Spring Semester tuition fees – University Transfer and Technical Programs.
Mar. 15	Last day to withdraw from courses in University Transfer and Technical Programs without incurring an "F" grade.
Mar. 28	Good Friday – College closed.
Mar. 30	Easter Monday – College closed.
Apr. 1	Last day for application for Certificates or Diplomas at end of Spring Semester.
Apr. 25	Last day of classes, Forest Resource Technology.
Apr. 28	Forest Resource Technology (year 2) Logging School commences.
Apr. 28	Forest Resource Technology (year 1) seven day field trip commences.
Apr. 30	Last day of classes, Spring Semester – University Transfer and Technical Programs.
May 19	Victoria Day – College closed.
May 23	Last day of Logging School, Forest Resource Technology (year 2).
June 7	Last day of classes – Automotive Mechanical Repair, class (B).
July 1	Confederation Day – College closed.
Aug. 4	Pre-registration interviews for new and returning students commence.
Aug. 4-29	Advance registration – University Transfer and Technical Programs.





### TIME TABLE FALL SEMESTER

NAME: \_\_\_\_\_ STUDENT NUMBER: \_\_\_\_\_

VAN. = VANDERHOOF BUILDING  
 QUES. = QUESNEL BUILDING

McB. = McBRIDE BLDG.  
 SMI. = SMITHERS BLDG.

B.L. = BURNS LAKE BLDG.  
 SS. = P.G.S.S.S.

WHSE = WAREHOUSE

TIME	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	TIME
8:30-9:00						8:30-9:00
9:00-9:30						9:00-9:30
9:30-10:00						9:30-10:00
10:00-10:30						10:00-10:30
10:30-11:00						10:30-11:00
11:00-11:30						11:00-11:30
11:30-12:00						11:30-12:00
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2:00-2:30						2:00-2:30
2:30-3:00						2:30-3:00
3:00-3:30						3:00-3:30
3:30-4:00						3:30-4:00
4:00-4:30						4:00-4:30
4:30-5:00						4:30-5:00
5:00-5:30						5:00-5:30
5:30-6:00						5:30-6:00
6:00-6:30						6:00-6:30
6:30-7:00						6:30-7:00
7:00-8:30						7:00-8:30
8:30-10:00						8:30-10:00

## TIME TABLE SPRING SEMESTER

NAME: \_\_\_\_\_ STUDENT NUMBER: \_\_\_\_\_

VAN. = VANDERHOOF BUILDING  
 QUES. = QUESNEL BUILDING

McB. = McBRIDE BLDG.  
 SMI. = SMITHERS BLDG.

B.L. = BURNS LAKE BLDG.  
 SS. = P.G.S.S.S.

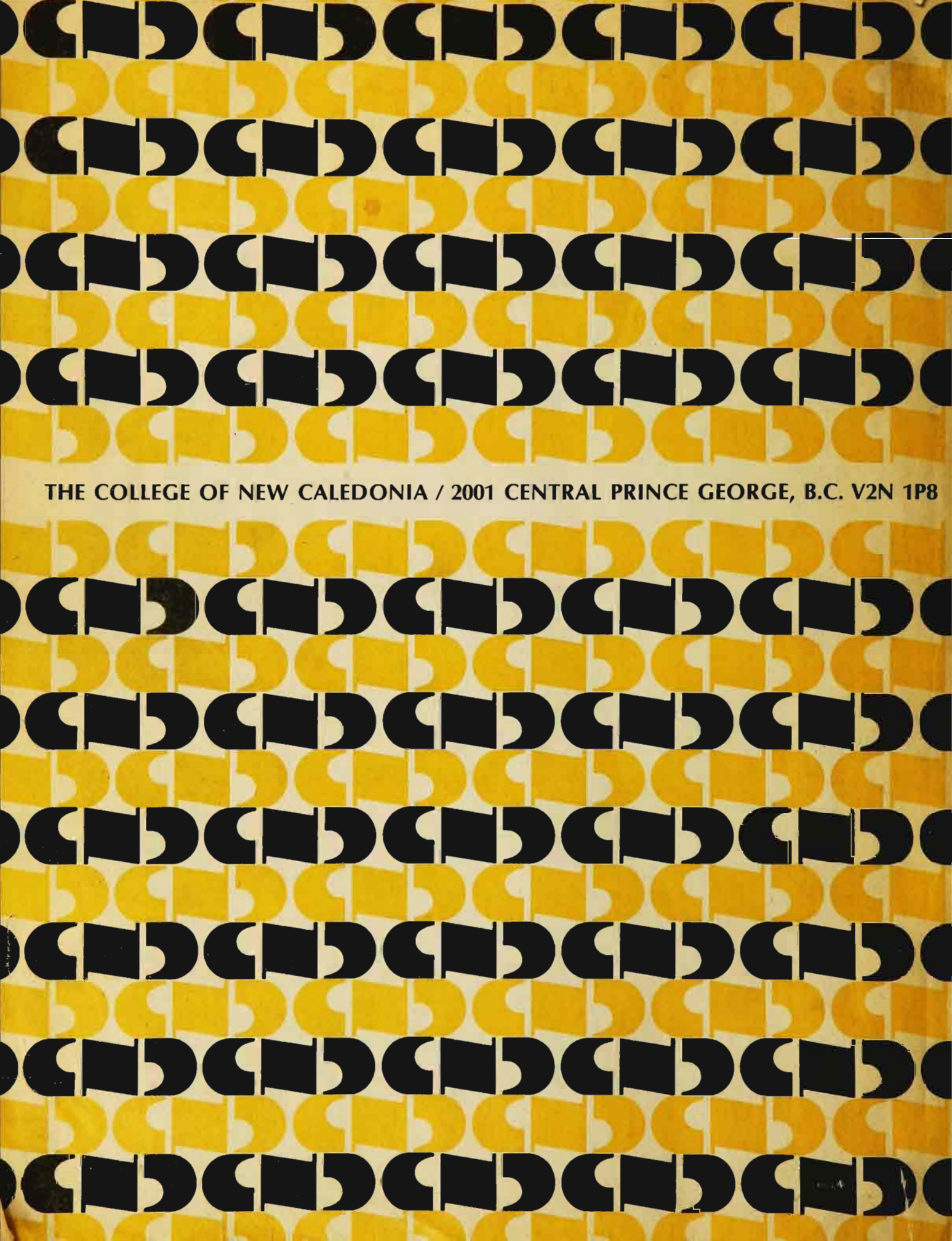
WHSE = WAREHOUSE

TIME	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	TIME
8:30-9:00						8:30-9:00
9:00-9:30						9:00-9:30
9:30-10:00						9:30-10:00
10:00-10:30						10:00-10:30
10:30-11:00						10:30-11:00
11:00-11:30						11:00-11:30
11:30-12:00						11:30-12:00
12:00-12:30						12:00-12:30
12:30-1:00						12:30-1:00
1:00-1:30						1:00-1:30
1:30-2:00						1:30-2:00
2:00-2:30						2:00-2:30
2:30-3:00						2:30-3:00
3:00-3:30						3:00-3:30
3:30-4:00						3:30-4:00
4:00-4:30						4:00-4:30
4:30-5:00						4:30-5:00
5:00-5:30						5:00-5:30
5:30-6:00						5:30-6:00
6:00-6:30						6:00-6:30
6:30-7:00						6:30-7:00
7:00-8:30						7:00-8:30
8:30-10:00						8:30-10:00

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