

THE
COLLEGE
OF
NEW CALEDONIA



1973 ~ 1974

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.



THE COLLEGE OF NEW CALEDONIA

College, Technical and
Vocational Institute

CALENDAR
1973-1974

2001 Central Street, Prince George, B.C.
Telephone 562-2131 (Area Code 604)

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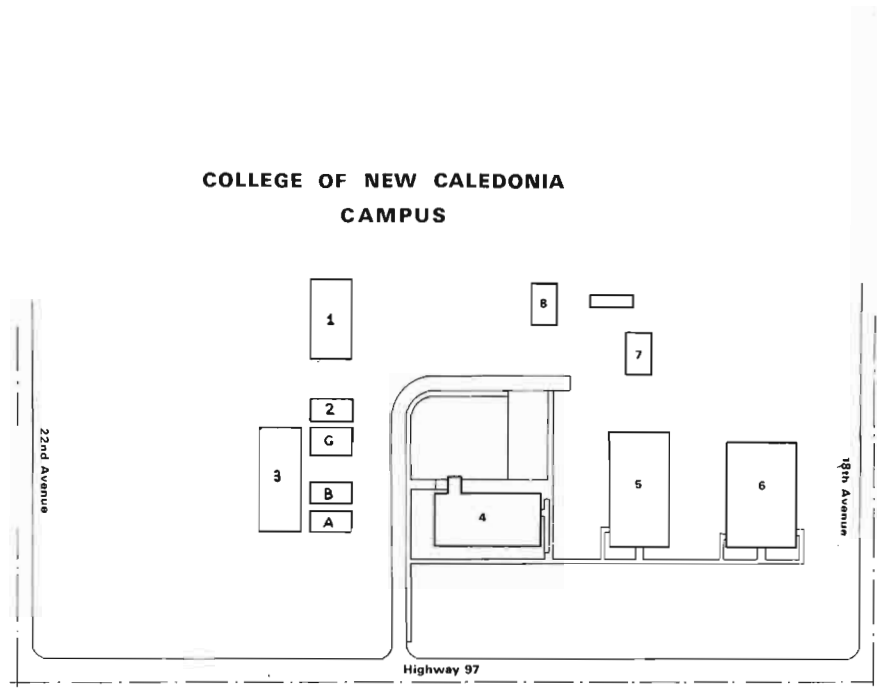
(As the information contained in this calendar is received well in advance of the academic year, it is necessarily subject to revision.)

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**COLLEGE
ORGANIZATION**

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COLLEGE OF NEW CALEDONIA CAMPUS

- | | | |
|--|---|--|
| <p>1. QUESNEL BUILDING</p> <ul style="list-style-type: none"> – Classrooms – Faculty Offices | <p>4. VANDERHOOF BUILDING</p> <ul style="list-style-type: none"> – Administration – Student Services – Bookstore – Cafeteria – Computer – B.T.S.D. – Business and Commerce – Drafting – Dental Assisting – Practical Nursing | <p>6. MACKENZIE BUILDING</p> <ul style="list-style-type: none"> – Small Engine Repair – Welding – Classrooms |
| <p>2. LOG CABIN</p> <ul style="list-style-type: none"> – Student Lounge | <p>5. MCBRIDE BUILDING</p> <ul style="list-style-type: none"> – Automotive Mechanics – Heavy Duty Mechanics – Heavy Equipment Operating – Classrooms | <p>7. BOILER HOUSE</p> |
| <p>3. SMITHERS BUILDING</p> <ul style="list-style-type: none"> – Library – Classrooms – Lab A – Geology – Lab B – Physics – Lab C – Forestry | | <p>8. BURNS LAKE BUILDING</p> <ul style="list-style-type: none"> – Biology Lab – Chemistry Lab |

CALENDAR

September, 1973								October, 1973							
Sun	Mon	Tues	Wed	Thu	Fri	Sat		Sun	Mon	Tues	Wed	Thu	Fri	Sat	
						1			1	2	3	4	5	6	
2	3	4	5	6	7	8		7	8	9	10	11	12	13	
9	10	11	12	13	14	15		14	15	16	17	18	19	20	
16	17	18	19	20	21	22		21	22	23	24	25	26	27	
23/30	24	25	26	27	28	29		28	29	30	31				
November, 1973								December, 1973							
Sun	Mon	Tues	Wed	Thu	Fri	Sat		Sun	Mon	Tues	Wed	Thu	Fri	Sat	
				1	2	3		1/2	3	4	5	6	7	8	
4	5	6	7	8	9	10		9	10	11	12	13	14	15	
11	12	13	14	15	16	17		16	17	18	19	20	21	22	
18	19	20	21	22	23	24		23	24	25	26	27	28	29	
25	26	27	28	29	30			30	31						
January, 1974								February, 1974							
Sun	Mon	Tues	Wed	Thu	Fri	Sat		Sun	Mon	Tues	Wed	Thu	Fri	Sat	
		1	2	3	4	5							1	2	
6	7	8	9	10	11	12		3	4	5	6	7	8	9	
13	14	15	16	17	18	19		10	11	12	13	14	15	16	
20	21	22	23	24	25	26		17	18	19	20	21	22	23	
27	28	29	30	31				24	25	26	27	28			
March, 1974								April, 1974							
Sun	Mon	Tues	Wed	Thu	Fri	Sat		Sun	Mon	Tues	Wed	Thu	Fri	Sat	
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3	4	5	6	7	8	9		7	8	9	10	11	12	13	
10	11	12	13	14	15	16		14	15	16	17	18	19	20	
17	18	19	20	21	22	23		21	22	23	24	25	26	27	
24/31	25	26	27	28	29	30		28	29	30					
May, 1974								June, 1974							
Sun	Mon	Tues	Wed	Thu	Fri	Sat		Sun	Mon	Tues	Wed	Thu	Fri	Sat	
			1	2	3	4								1	
5	6	7	8	9	10	11		2	3	4	5	6	7	8	
12	13	14	15	16	17	18		9	10	11	12	13	14	15	
19	20	21	22	23	24	25		16	17	18	19	20	21	22	
26	27	28	29	30	31			23/30	24	25	26	27	28	29	
July, 1974								August, 1974							
Sun	Mon	Tues	Wed	Thu	Fri	Sat		Sun	Mon	Tues	Wed	Thu	Fri	Sat	
	1	2	3	4	5	6						1	2	3	
7	8	9	10	11	12	13		4	5	6	7	8	9	10	
14	15	16	17	18	19	20		11	12	13	14	15	16	17	
21	22	23	24	25	26	27		18	19	20	21	22	23	24	
28	29	30	31					25	26	27	28	29	30	31	

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1973 – 1974 COLLEGE CALENDAR

SUMMER SEMESTER 1973

Details on programs and courses offered during the Summer Semester are available in a separate brochure. Contact the Student Services office for information.

FALL SEMESTER 1973

July 3 – August 24	Pre-registration interviews for new and returning students – Arts and Science and Career Divisions.
July 23	Registration and first day of classes, Automotive Mechanical Repair, class (A).
August 10	Last Day of classes, Heavy Equipment Operators, class (A).
August 13 – 31	Advance registration, Arts and Science and Career Divisions.
August 27	Industrial Orientation program commences for all Forestry Resource Technology students.
August 27	Registration Forest Resource Technology.
September 3	Labour day – College closed.
September 4	Registration and payment of fees – All divisions.
September 4	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.
September 5	Fall Semester classes commence – Arts and Science and Career Divisions.
September 7	Last day of classes, Heavy Equipment Operators, class (B).
September 12	Late registration fees in effect, Arts and Science and Career Divisions.
September 19	Last day for late registration – Arts and Science and Career Divisions.
September 19	Last day for refund of 80% of Fall Semester tuition fees – Arts and Science and Career Divisions.
September 24	Registration and first class – Heavy Duty Mechanics, class (A).
September 26	Last day for course, section or program changes – Fall Semester, Arts and Science and Career Divisions.
October 1	First day of classes – Heavy Equipment Operators, Class (D).
October 3	Last day for refund of 50% of Fall Semester tuition fees – Arts and Science and Career Divisions.
October 8	Thanksgiving Day – College closed.
November 1	Last day to withdraw from courses in Arts and Science or Career Divisions without incurring an 'F' grade.
November 12	Remembrance Day – College closed.
November 16	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.)
November 19	Pre-registration interviews for Spring Semester begin – Arts and Science and Career Divisions.
December 12 – 19	Advance Registration – Spring Semester, Arts and Science and Career Divisions.
December 20	Last day of classes – Fall Semester, for Arts and Science and Career Division students.
December 21	Last day of classes, Heavy Equipment Operators, Class (C), Automotive Mechanical Repair, Class (A).
December 21	Last day of classes – Fall Semester, for Vocational Division students.
December 25 – 26	Christmas – College closed.

SPRING SEMESTER 1974

January	1	New Years Day — College closed.
January	2	Classes re-commence for continuing courses — Vocational Division.
January	7	Registration and first day of classes — Automotive Mechanical Repair, class (B); Practical Nursing Class (B); and Forest Resource Technology.
January	7 — 11	Registration — Arts and Science and Career Division.
January	14	Classes commence — Arts and Science and Career Divisions — Spring Semester.
January	21	Late registration fees in effect — Arts and Science and Career Divisions.
January	25	Last day of classes, Heavy Equipment Operators, Class (D).
January	28	Last day for late registration — Arts and Science and Career Divisions.
January	28	Last day for refund of 80% of Spring Semester tuition fees — Arts and Science and Career Divisions.
January	28	First day of classes, Heavy Equipment Operators, Class (E).
February	1	Last day of classes — Small Engine Repair, Class (A).
February	4	Last day for course and section changes, Arts and Science and Career Divisions.
February	4	Registration and first day of classes — Small Engine Repair, class (B).
February	11	Last day for refund of 50% of Spring Semester tuition fees — Arts and Science and Career Divisions.
March	4	First day of classes, Heavy Equipment Operators, Class (F).
March	15	Last day to withdraw from courses in Arts and Science and Career Divisions without incurring an "F" grade.
March	29	Last day of classes — Heavy Duty Mechanics, class (A).
April	1	Last day for application for Certificates or Diplomas at end of Spring Semester.
April	1	Registration and first class — Heavy Duty Mechanics, class (B);
April	12	Practical Nursing class (C); Good Friday — College closed.
April	15	Easter Monday — College closed.
April	26	Last day of classes, Forest Resource Technology.
April	29	Forest Resource Technology (year 2) Logging School commences.
April	29	Forest Resource Technology (year 1) seven day field trip commences.
April	30	Last day of classes, Spring Semester Arts and Science and Career Divisions.
May	17	Last day of classes, Heavy Equipment Operators, class (E).
May	20	Victoria Day — College closed.
May	31	Last day of Logging School, Forest Resource Technology (year 2).
June	7	Last day of classes — Automotive Mechanical Repair, class (B).
June	21	Last day of classes, Heavy Equipment Operators, class (F).
June	28	Last day of classes — Vocational Division, except B.T.S.D., Automotive Mechanical Repair, Heavy Duty Mechanics.
July	1	Confederation Day — College closed.
August	5	Pre-registration interviews for new and returning students commence.
August	1 — 30	Advance registration, Arts and Science and Career Divisions.

COLLEGE COUNCIL

MR. T. CLOKE	— Burns Lake
MRS. R.B. HAGGARTY	— Burns Lake
MR. R. AFFLECK	— Prince George
MRS. J. KELLETT	— Prince George
MR. D.P. TODD	— District Superintendent, Prince George
MR. J.G. WILSON	— Prince George
MR. C. DUPERRAULT	— Quesnel
MR. C. LESLIE	— Quesnel
MRS. M. KNOERR	— Smithers
MRS. M. GODEL	— Vanderhoof
MR. R.D. KEAN	— Secretary-Treasurer and Bursar
DR. F.J. SPECKEEN	— Ex-officio, Principal



ADVISORY COMMITTEES**APPLIED CRIMINOLOGY**

Inspector R.N. Baynes	R.C.M.P., Prince George
Warden B. Bjarnason	B.C. Correctional Institute, Prince George
Mr. D. Cernetic	National Parole Board, Prince George
Inspector G.J. Greig	R.C.M.P., Prince George
Mr. J. Hotell	Adult Educational Director, Prince George
Mr. R. McKellar	B.C. Probation Service, Prince George
Superintendent L.E. Rosberg	R.C.M.P., Prince George

BUSINESS ADMINISTRATION

Mr. G. Abbott	Customer Service Manager, B.C. Telephone Company Prince George
Mr. R.C. Bristow	Manager, Canada Manpower, Prince George
Mr. J. Evans	Publisher, <i>The Citizen</i> , Prince George
Mr. S.R. Higginson	Manager, Interior Operations Eurocan Pulp and Paper Limited Prince George
Mr. D. McIvor	Industrial Relations Manager, Prince George Pulp and Paper Ltd., Prince George
Mr. H. Milne	Harvey Milne Agencies Limited, Vanderhoof
Mr. F. Robinson	Manager, Montreal Trust, Prince George
Mr. R. Shore	Manager, Bank of Montreal, Prince George
Mr. C. Spicer	Smithers, B.C.
Mr. J.B. Ullstrom	Gardner, McDonald and Company, Prince George
Mr. F. Walls	Manager, Woodward's Limited, Prince George

COMMERCIAL PROGRAMS

Mr. C. Lenfesty	Office Manager, Prince George Pulp & Paper Ltd., Prince George
Mr. G. Gibbins	Chartered Accountant Willets, MacMahon, Thibaudeau, & Co., Prince George
Mr. G. Hyde	B.C. Railway, Prince George
Mr. David Loughran	B.C. Telephone, Employment Manager, Prince George
Mrs. M. Sieck	Medical Records, Prince George Regional Hospital, Prince George

CONSTRUCTION TECHNOLOGY

Mr. D.H. Boulton	Estimator, Prince George
Mr. G. Creuzot	Housing and Development, Prince George
Mr. J.R. Lewis	Consulting Engineer, Prince George
Mr. K.A. Lunn	Mechanical Contractor, Prince George
Mr. T.A. Morrow	Architect, Prince George
Mr. W. Plumridge	President, P.G. Construction Association, Prince George
Mr. J. Row	General Contractor, Prince George
Mr. M. Sambad	Electrical Contractor, Prince George
Mr. P. Sorensen	Secretary-Manager, P.G. Construction Association, Prince George
Mr. E. Unger	General Contractor, Prince George
Mr. T.H. West	Architect, Prince George

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DATA PROCESSING

Mr. D.A. Boughey	Northwood Pulp and Paper Ltd., Prince George
Mr. R.L. Dyke	School District #57, Prince George
Mr. V. Dean	Aurora Data Centre Ltd., Prince George

DENTAL ASSISTING

Dr. D. Bowler	Prince George
Dr. J. Cameron	Vanderhoof
Dr. J.E. Fahey	Prince George
Dr. H. Hann	Prince George
Dr. D. Waller	Prince George

DRAFTING

Mr. Art Beaumont	Professional Engineer, Department of Highways Prince George
Mr. Tom West	Architect, Prince George
Mr. Stuart Ross	Architect, Prince George
Mr. L. Smeds	Outside Plant Drafting Supervisor, B.C. Telephone Prince George
Mr. S.H. Back	Professional Engineer, Northwood Pulp & Paper Ltd., Prince George
Mr. L. Bartell	B.C. Registered Land Surveyor, Prince George

EARLY CHILDHOOD EDUCATION

Mrs. M. Selody	Co-ordinator, Prince George Day Care Society, Prince George
Miss K. LaVoie	Supervisor Primary Instruction, School District #57 Prince George
Mrs. L. Mann	Teacher, School District #57, Prince George
Dr. D. Rubadeau	Instructor, College of New Caledonia, Prince George
Miss K. Bickerton	Rehabilitation & Social Improvement, Prince George
Mr. N. Gallant	Northern Interior Health Unit, Prince George
Mrs. C. Thompson	Kindergarten Teacher, Vanderhoof An E.C.E. Student.

FOREST RESOURCE TECHNOLOGY

Mr. D. Flynn	Flynn Bros. Logging, Prince George
Mr. W. Haviland	Prince George Pulp Ltd., Prince George
Mr. P. Bodman	West Fraser Timber Ltd., Quesnel
Mr. S. Higginson	Eurocan Pulp & Paper Ltd., Burns Lake
Mr. W. Young	B.C. Forest Service, Prince George
Mr. G. Marples	Takla Logging Ltd., Prince George
Mr. J. Potter	Carrier Lumber Co., Prince George
Mr. H. Anderson	Netherlands Overseas Mills Ltd., Prince George
Mr. A. Nevison	Industrial Forestry Service, Prince George
Mr. D. McKay	Ferguson Lake Sawmills Ltd., Prince George
Mr. K. Elliott	B.C. Forest Products Ltd., Prince George
Mr. H. Lloyd	Lloyd Bros. Logging Ltd., Prince George
Mr. T. Mogensen	International Woodworkers of America, Prince George
Mr. D. Little	Northwood Pulp and Paper Limited, Prince George

LOGGING

Mr. M. McLaggen	Northwood Pulp & Paper Ltd., Prince George
Mr. W. Bellmond	Prince George Truck Loggers Association, Prince George
Mr. B. Stohls	The Pas Lumber Co., Prince George
Mr. C. Redding	Northern Interior Lumberman's Association, Prince George
Mr. J. Togyi	Takla Logging, Prince George

MEDICAL LABORATORY TECHNOLOGY

Mr. G. Fisher	Hospital Administrator Prince George Regional Hospital, Prince George
Dr. V. Fraser	Chief Pathologist Prince George Regional Hospital, Prince George
Mr. T. Dawkins	Chief Technologist Prince George Regional Hospital, Prince George
Dr. J. Godel	Pediatrician Vanderhoof Hospital, Vanderhoof

MUNICIPAL ADMINISTRATION

Mr. R. Butler	Department of Rehabilitation & Social Improvement Prince George
Mr. J. Hotell	Adult Education Director, Prince George
Mr. C. Jeffery	City of Prince George
Mr. W. Kennedy	District of Fraser — Fort George
Mr. H. Moffat	Mayor, City of Prince George
Mr. L. Pousette	District of Kitimat — Stikine, Terrace
Mr. L. Rodger	Principal, Prince George Senior Secondary School
Mr. J. G. Wilson	Barrister and Solicitor, Prince George

PRACTICAL NURSING

Miss E. Sparks	Director of Nursing, Prince George Regional Hospital
Mr. W. Ayotte	Assistant Director of Nursing Prince George Regional, Hospital
Mrs. S. Merrick	Head Nurse, Medical Ward, Prince George Regional Hospital
Miss P. Pullen	Supervisor of Nurses, Department of Public Health
Mrs. E. Gerdes	Senior Nurse, Department of Public Health
Mrs. K. Green	Director of Nursing G.R. Baker Hospital, Quesnel

SMALL ENGINE REPAIR

Mr. R. Seeds	Northern Magneto, Prince George
Mr. T. Martell, Sr.	President, Tom Martell Ltd., Prince George
Mr. T. Martell, Jr.	Tom Martell Ltd., Prince George
Mr. J. Thompson	President, Forest Chain Saw, Prince George
Mr. H. Witt	President, Howies Marine Service, Prince George
Mr. R. Daniels	Interior Power Saw Sales & Service, Prince George
Mr. T. Arnold	President, T.G.R. Sales & Service, Prince George

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WELDING

G. Juraschka
J. Wiren
H. Hausot
M. Wilson
R. Fenning
J. Horning

Prince George Pulp & Paper Ltd., Prince George
Northwood Pulp & Paper Ltd., Prince George
Hausot Bros. Welding & Fabricating, Prince George
Finning Tractor Ltd., Prince George
Lakeland Sawmills, Prince George
Brentwood Trailers Ltd., Prince George



PRINCIPAL'S STATEMENT

The College of New Caledonia is a comprehensive Community College offering courses and programs in three major areas: Arts and Science, Career (Technical), and Vocational. It provides first and second year University equivalency, one and two year career programs, vocational programs of varying lengths, together with an extensive extension or adult education 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, 1973, the College will begin its fifth 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

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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 Career and Technology programs
- B.C.I.T. transfer programs
- Pre-apprentice programs
- Vocational programs
- General Studies programs

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 to the College Council 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. Courses offered in the Vocational Division and the Career Division each have an advisory committee of interested and knowledgeable members of the community and College personnel.

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.

COLLEGE DIVISIONS

The College is organized into three divisions; the Career division, Arts and Science division and Vocational division.

The Career division offers programs in:

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

and General Studies Certificate programs in:

Applied Criminology
Construction Technology
Municipal Administration
Industrial Forestry Technician

The Arts and Science division offers two year University Transfer programs leading to degrees in:

Agriculture	Home Economics
Arts	Law
Commerce	Medicine
Dental Hygiene	Nursing
Dentistry	Pharmacy
Education	Physical Education
Engineering	Rehabilitation Medicine
Forestry	Science

and General Studies Certificate and Diploma programs in:

Environmental Studies
Human Relations
Creative Writing and Journalism
Fine Arts

The Vocational Division offers programs in:

Automotive Mechanics
Commercial Areas
Dental Assisting
Drafting
Heavy Duty Mechanics
Heavy Equipment Operating
Logging
Practical Nursing
Small Engine Repair
Vocational Preparation (B.T.S.D.)
Welding

NOTE:

Students are not restricted to enrolling in a program of studies in one specific division, but may devise their own program combining courses from any division.

Students who complete 60 semester hours of credit in this way will receive the C.N.C. *General Studies* diploma. A number of specific options in the General Studies diploma program are listed in the General Studies section of this calendar.



**GENERAL
INFORMATION**

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ADMISSION

General admission requirements are detailed for each division 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 B.C. College region are classified as *other region* students.

Students classified as *out-of-region* students and are required to pay a higher tuition fee for courses in the Career and Arts and Science Divisions.

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. 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 division.

BOOKSTORE

The College operates a small bookstore, located on the lower ground floor of the Vanderhoof Building. It carries required and supplementary texts, supplementary supplies and a variety of miscellaneous items.

CAFETERIA

The College of New Caledonia Student Association operates a small cafeteria for the convenience of students. It is located beside the bookstore on the lower ground floor of the Vanderhoof building.

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.

LIBRARY – RESOURCE CENTRE

The College library is located on the main floor of the Smithers building. The library has developed as a resource centre with a large collection of books, periodicals, micro-films, government documents and other materials. Personal assistance is available at all times from the library staff. Library services are available to individuals who possess current C.N.C. library cards, issued at the time of registration and payment of fees. Library hours are posted in the library.

STUDENT ASSOCIATION

The Student Association co-ordinates various co- and extra-curricular activities. They plan dances and social activities and sponsor various clubs.

The Association is involved in various activities in the City of Prince George. It has planned parties for the retarded children and has a representative in the Queen Aurora Competition.

The College has made available to students a unique log building as a student lounge, located between the Smithers and Quesnel buildings.

Membership in the Student Association is voluntary. Students interested in joining the association should contact a representative of the association through the Student Services office.

STUDENT SERVICES

The Student Services office is located on the main floor of the Vanderhoof Building. Facilities and staff are available to assist students with a variety of problems, including vocational, personal, social, financial, and study related problems. Students requiring any kind of assistance are urged to make use of the resources available through this office.

Services offered include:

INFORMATION

- a) Information to secondary school students on post-secondary education opportunities
- b) Occupational and career information
- c) Information on institutions to which C.N.C. graduates may wish to transfer, and the admission policies of these institutions
- d) Information on C.N.C. programs, courses, policies and procedures.

GUIDANCE AND COUNSELLING

Skilled counsellors are available to assist students with the selection of a vocational goal, college programs, transfer to other institutions, academic difficulties and personal problems.

22 GENERAL INFORMATION

ATHLETICS

The College supports both Intra-mural and Inter-collegiate athletic activities.

College teams regularly compete in

- Basketball (men's and women's)
- Curling (men's, women's, and mixed)
- Hockey
- Volleyball (men's and women's)

Intra-mural activities include:

- Basketball
- Volleyball
- Skiing
- Ping Pong
- Skating

NOTE: Students participate in inter-collegiate and intra-mural activities at their own risk.

EMPLOYMENT

In cooperation with the Department of Manpower the College operates a student placement service for part-time employment during attendance at the College and full-time employment following graduation and between semesters.

HOUSING

The College does not operate any student residences, but does compile a list of boarding houses and small apartments available at the beginning of each semester. No recommendation is made regarding the quality of accommodation offered.

ORIENTATION

A program designed to assist students to become familiar with College facilities and Services and to help in adjustment to College methods of teaching, learning, and study is offered to new students at the beginning of each semester.

STUDY SKILLS

Short courses are offered from time to time to assist students with reading problems and with problems writing term papers and other assignments. A fully equipped Study Skills Centre is located in the Smithers Building, and professional assistance is available to all students.

SCHOLARSHIPS, LOANS AND BURSARIES

The Student Services Office maintains current information on sources of aid for students with financial problems. (See also 'Financial Assistance')

3

**FINANCIAL
ASSISTANCE**

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 Division:	A/S	Arts and Science Division
	V.	Vocational Division
	C.	Career Division

* 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.

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.

GOVERNMENT OF B.C. SCHOLARSHIPS (A/S, C.)

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 programme of post-secondary studies extending through one semester, provided that the qualifying semester is part of a longer programme comprising at least one full academic year.

These prizes may be granted to up to a maximum of 17% of the full-time full-programme registered students. To be eligible for one of these awards a student must be a Canadian Citizen who has resided in B.C. for not less than 12 consecutive months preceeding 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 programme 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 TEACHER'S ASSOCIATION SCHOLARSHIP (A/S., V., C.)

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.

THE INSTITUTE OF CHARTERED ACCOUNTANTS OF BRITISH COLUMBIA SCHOLARSHIPS (A/S)

The Institute of Chartered Accountants of British Columbia will in 1973 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 school counsellors, or from the Director of Education of the Institute of Chartered Accountants of B.C., 530 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 (A/S., C.)

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 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.

MILITARY SERVICE SCHOLARSHIPS (A/S)

College Students may apply for sponsorship under the Regular Officers Training Plan, (ROTP) or the Reserve Officer University Training Plan (ROUTP). 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.

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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 per 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 (ROUTP)

This plan 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), ROUTP 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 ROUTP 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 ROUTP — Commanding Officer
Canadian Armed Forces Reserve
Hanger 5, North Jericho
4050 West 4th Avenue
Vancouver 8, B.C.

NANCY GREENE SCHOLARSHIPS 1973/74 (A/S., V., C.)

Ten scholarships, each for \$750, will be awarded in 1973 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 programme 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 programmes 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, 1973, and are to be addressed to:

Mr. L.J. Wallace
Deputy Provincial Secretary
Parliament Buildings
Victoria, British Columbia

NORTHWOOD PULP LTD. SCHOLARSHIPS (A/S., V., C.)

Northwood Pulp Ltd. will be offering several scholarships for students in all divisions. Students are asked to consult their high school counsellor or the Student Services office, as details are not available at this time.

PAPER TECHNOLOGY SCHOLARSHIPS (A/S)

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 Service office.

PREMIER'S ATHLETIC AWARDS AND BRITISH COLUMBIA ATHLETIC AWARDS (A/S., V.C.)

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 is eligible.

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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, 1973, and should be addressed to:

Chairman
British Columbia Physical Fitness and
Amateur Sports Fund Committee
Parliament Buildings
Victoria, B.C.

SIMON FRASER UNIVERSITY REGIONAL COLLEGE ENTRANCE SCHOLARSHIPS (A/S)

A number of scholarship 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.

THE CERTIFIED GENERAL ACCOUNTANTS' ASSOCIATION OF B.C. SCHOLARSHIP (C. 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.

THE VANCOUVER SUN REGIONAL COLLEGE ENTRANCE SCHOLARSHIPS FOR SUN CARRIERS (A/S)

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 undergraduate 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.

GOVERNMENT OF BRITISH COLUMBIA BURSARIES (A/S, C.)

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 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 programme 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.

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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 Plans, as administered by the Provincial Authority of British Columbia;
- 2) Submit in accordance with the instructions stated on the form a fully completed: APPLICATION FOR FINANCIAL ASSISTANCE.
- 3) Have been resident in this Province for not less than twelve consecutive months prior to the first day of the month in which he commences the programme 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.

BRITISH COLUMBIA ASSOCIATION FOR THE MENTALLY RETARDED BURSARIES (A/S)

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
Room 221 — 119 West Pender Street
Vancouver 3, B.C.

B.C. INDIAN ARTS AND WELFARE SOCIETY MEMORIAL BURSARY (A/S., V., C.)

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 Wars.

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 award 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.

BETA SIGMA PHI BURSARY (A/S)

The Sigma Chapter of Beta Sigma Phi is offering a \$150.00 Bursary for the education of a deserving female student.

Students must apply before April 1, 1973.

C.N.C. FACULTY ASSOCIATION BURSARIES (A/S., V.C.)

Several bursaries are available to students in all divisions. 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 (C)

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 (A/S, V., C.)

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 (A/S., V., C.)

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.

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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 Fellow Lodge, Rebekah Lodge, or Encampment.

I.W.A. LOCAL 1-417 BURSARY

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 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.

MERRILL C. ROBINSON BURSARY (A/S., V., C.)

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.

THE J.B. MacDONALD ALUMNI BURSARIES (A/S)

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 \$350.00 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 Scholarship and Bursary Office, Room 207, Buchanan Building, University of B.C. not later than July 15. Application forms may be obtained at the Scholarship and Bursary Office after 1 June.

VANCOUVER FOUNDATION BURSARIES (A/S., V., C.)

Funds are available to students who present evidence of sound academic achievement and who have financial need which cannot be satisfied through other sources. Applications must be submitted before July 1, 1972 to Mr. G. Peter Kaye, Executive Director, Vancouver Foundation, Suite 2211 A, 1177 West Hastings Street, Vancouver 1.

Applications must be completed in all regards by July 15 and a personal interview is part of the selection procedure.

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 (A/S., V., C.)

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 specific 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 Student Loans Plan. Students are expected to save a substantial amount of any 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 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:

- Commercial programs
- Drafting
- Practical Nursing
- Dental Assisting

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B.C. YOUTH FOUNDATION LOANS (A/S., V., C.)

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. Walmsley, Vancouver School Board, 1595 West 10th Avenue, Vancouver, for an interview.

The loans are not designed only for University 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.

FINNING TRACTOR & EQUIPMENT CO. LTD. BUSINESS ADMINISTRATION BURSARIES (C)

Finning Tractor & Equipment Co. Ltd. offers \$250.00 in Bursaries to CNC students. Two \$125.00 bursaries will be awarded to students entering the second year of the Business Administration program. For further information please see the Student Services Office.

FINNING TRACTOR & EQUIPMENT CO. LTD. HEAVY DUTY MECHANICS BURSARIES (V)

Finning Tractor & Equipment Co. Ltd. offers \$250.00 in Bursaries to two students in the Heavy Duty Mechanics program. One \$125.00 bursary will be awarded to each Heavy Duty Mechanics class. For further information please see the Student Services Office.

ROTARY EMERGENCY LOAN FUND (A/S., V., C.)

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.

AV PEO SISTERHOOD EMERGENCY LOAN FUNDS

The AV chapter of the PEO sisterhood makes an annual donation to the College emergency loan fund to assist women students requiring short-term financial assistance.

Application forms are available from the Student Services Office.

AWARDS**IMPERIAL OIL HIGHER EDUCATION AWARDS (A/S., V., C.)**

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
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 (A/S., V., C)

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 Kwakwaka'wakw 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 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, handicraft, 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.

36 FINANCIAL ASSISTANCE

SIMON FRASER UNIVERSITY RECREATION AWARDS (A/S)

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, e.g. 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 Units, 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)

Local 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.

The Fairlie Peacock Memorial Award for Best Bedside Nursing — donated by Mrs. D. Ulmer.

The Licensed Practical Nurses Association Award for Best Ethical Conduct — donated by the Licensed Practical Nurses Association.

OTHER ASSISTANCE

HEALTH BRANCH DIVISION FOR AID TO HANDICAPPED (A/S., V., C.)

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 (A/S., C.)

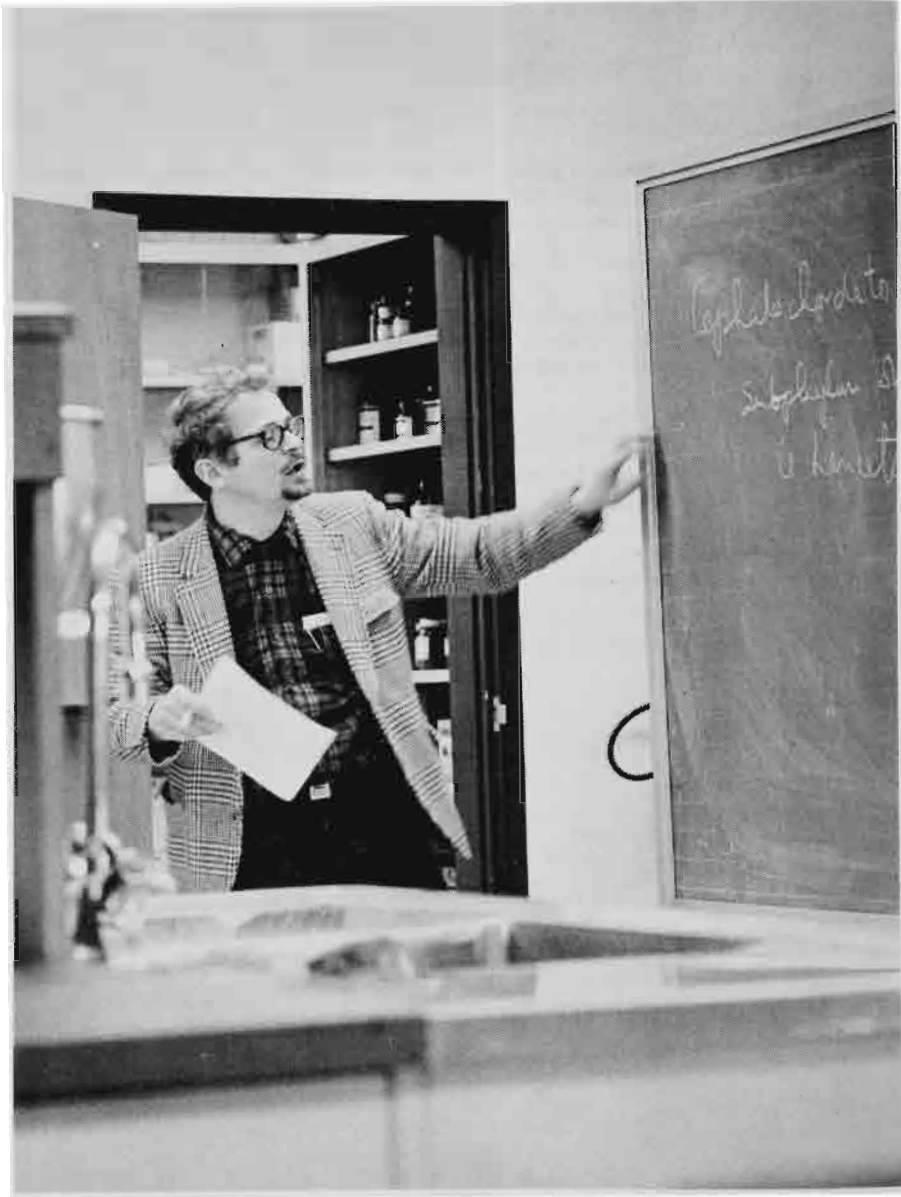
The College Council has established an accommodation subsidy for *in-region* students whose permanent residence is more than 20 miles from the College and who are enrolled in 9 or more credit hours of College work, or a specified full-time program of at least 16 weeks duration. Students receiving assistance 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:

- a) Apply to the Registrar for the C.N.C. Subsidy.
- b) Prove his permanent residence is *in-region* and more than 20 miles from the College if requested to do so
- c) Be formally enrolled in the College
- d) Regularly attend classes





**ARTS AND SCIENCE
AND
CAREER DIVISIONS**

Admission

Fees

Academic Information

ADMISSION REQUIREMENTS**GENERAL ACADEMIC REQUIREMENTS – Career and Arts and Science Divisions**

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.

CAREER DIVISION 1 or 2 year programs	RECOMMENDED SECONDARY SCHOOL COURSES
<i>Program of studies In:</i> Business Administration Construction Technology Data Processing Early Childhood Education Forest Resource Technology Medical Laboratory Technology	Math. 11 Math. 12, Physics 11 Math. 11 Child Care 12 Math. 12, Bio. 11, Drafting 12, Chem 11 Math. 12, Chem. 11, Chem. 12 and one other Science 11
ARTS AND SCIENCE DIVISION UNIVERSITY TRANSFER	RECOMMENDED SECONDARY SCHOOL COURSES

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

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.

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 or Science should be met.

SCIENCE—

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

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.

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.

Chemistry 11
 Physics 11
 Mathematics 11 and 12

At least one additional science course numbered "11" or "12".

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, 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.

All students registering late will be charged the late registration fee. Final dates for late registration with penalty are:

Fall 1973 September 19
Spring 1974..... January 28

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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 | \$ 35.50 Per Semester |
| I.D./Library Card | \$ 1.00 Per Year |

NOTE: Part time students enrolled in other than 3 credit hour 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

Per Course – Tuition	\$ 15.00 Per Semester
----------------------	-----------------------

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	<u>100.00</u>
	\$330.00

The cost of room and board for students from outside Prince George average \$100.00 per month. (See Subsidy, page 37).

MISCELLANEOUS FEES

Late registration	\$ 5.00 per course maximum \$25.00
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 (See College Calendar for specific dates.)

a) Withdrawal 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 programme 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 indicated below.

44 ARTS AND SCIENCE AND CAREER DIVISIONS

1973 Fall Semester -- September 5 to September 26

1974 Spring Semester -- January 14 to February 4

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 Career 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 an Arts and Science 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 Student 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 *continous evaluation* in determining the grades. There is no single final examination.

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 Point
A	Distinguished Achievement The student distinguished 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	0.0
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. Applies to College Certificate & Diploma programs only.	*
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.

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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 Office to ensure only the highest grade point is included in the calculation of their G.P.A.

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 incl. 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.

In addition to the Arts and Science programs listed in Section 6 of this Calendar, all B.C. Community Colleges accept each others courses upon transfer.

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 following dates:

Fall Semester 1973	September 5 — November 1
Spring Semester 1974	January 14 — March 15

Students who withdraw after these dates will receive an "F" grade for all courses in which they are registered.



**CAREER DIVISION
PROGRAMS**

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 63.

DIPLOMA IN GENERAL STUDIES – Business Option

Students may select courses from both the University Transfer division and the Career division and devise their own program to suit their own specific needs. For further details see page 88.

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.

Recommended Secondary School Courses: Math 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
Statistics	MATH 155-3

plus three 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
Social Science Elective	

SEMESTER 4

Management	BUS 255-3
Financial Management II	BUS 258-3

plus four electives selected from:

Industrial Relations	BUS 164-3
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
Social Science Elective	

CONSTRUCTION TECHNOLOGY

Graduates of this program will 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.

Upon graduation the construction technologist will understand why people do what they do in the construction business and able to relate what is done to earning a profit. To accomplish this, he will study construction materials including soil, concrete, aluminum, steel, wood, masonry, plastic, glass; drafting and blueprint reading, communications management, surveying, estimating, scheduling and industrial relations. In addition, he will complete four electives selected from any College program.

Opportunities will be provided for employment between the second and third semesters for on-the-job experience which will assist the student in eventual placement.

This program was designed with the assistance and co-operation of the Northern Interior Construction Association of British Columbia.

Recommended Secondary School Courses: Math 12, Physics 11



THE COURSES*

SEMESTER I

Construction Materials and Applications I	CONS 151-3
Drafting Fundamentals	TECH 153-3
Physics I	PHYS 151-3
Mathematics	MATH 151-3
Effective Communication I	ENGL 151-3
Business Fundamentals I	BUS 153-3

SEMESTER 2

Construction Materials II	CONS 152-3
Drafting and Interpretation	TECH 154-3
Physics II	PHYS 152-3
Business Fundamentals II	BUS 154-3
Effective Communication II	ENGL 152-3
Elective	

SEMESTER 3

Estimating and Bidding I	CONS 261-3
Strength and Design	CONS 271-3
Surveying	SURV 151-3
Personnel	BUS 274-3
Principles of Supervision	PSYC 253-3
Elective	

SEMESTER 4

Estimating and Bidding II	CONS 262-3
Construction Scheduling	CONS 274-3
Construction Problems	CONS 282-3
Human Relations	PSYC 153-3
Industrial Relations	BUS 164-3
Elective	

* Subject to revision

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, data processing equipment 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.

Recommended Senior Secondary School Courses: Math 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 Communication 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

Statistics	MATH 155-3
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

SEMESTER 4

Cost Accounting II	BUS 254-3
Computer Programming III	EDP 252-3
Systems Design	EDP 254-3
Case Studies	EDP 256-3
Social Science Elective	
Business Elective	

EARLY CHILDHOOD EDUCATION

The program for Early Childhood is designed to train workers 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 birth 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 preschool 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 the 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 condition.

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 on a part-time basis. The part-time first year student is advised 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.



COURSES

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 & 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 165-6
Practicum I	ECE 190-6

SEMESTER 3

Infant Development	ECE 252-3
Children's Literature	ECE 261-2
Sociology	SOC 151-3 (or 101-3)
Health	ECE 272-2
Nutrition	ECE 273-2
Creative Arts Workshop	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 III	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.

Specific job opportunities to graduates of this program include timber appraisers, forest engineering technicians, research assistants, road foremen, logging foreman, 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 weather conditions will be encountered.

Prerequisites for admission: Math. 12, Biology 11, Drafting 12, Chemistry 11. Exceptions may be made depending upon a student's grades and summer employment experience. 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 may wish to seek employment on the coast upon graduation.

Applicants should note the courses in this program require the student to be in attendance or on special programs before and after regular semester dates.

NOTE: Due to the large number of applications received for admission to this program selected candidates may be required to attend an interview with the Forest Resource Technology selection committee in mid-July.



THE COURSES

SEMESTER I

Effective Communication I	ENGL 151-3
Mathematics	MATH 151-3
Data Processing Fundamentals	EDP 155-1
Forest Science I	FOR 151-3
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 150-3

SEMESTER 2

Effective Communication II	ENGL 152-3
Statistics	MATH 155-3
Data Processing Fundamentals	EDP 156-2
Forest Science II	FOR 152-3
Forest Measurement II	FOR 162-3
Fire Control II	FOR 166-3
Photogrammetry II	FOR 172-3
Forest Drafting II	FOR 174-2
Field Studies	FOR 199-3

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 250-3
Summer Essay	FOR 270-3

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
Advanced Logging School	FOR 299-3

MEDICAL LABORATORY TECHNOLOGY

The medical laboratory technology program trains graduates for membership in the health team of the country's hospitals. The technologist becomes an important link as his work aids the physician in the rapid diagnosis and treatment of the patient.

The rapid rise in new testing procedures and the increase in the use of highly specialized and sophisticated equipment coupled with the increasing demand for services from a more aware public ensures the continuing need for more and better trained laboratory technologists.

The successful graduate has a large variety of positions available to him from research laboratories, clinical laboratories, modern hospitals, and government agencies.

Students should realize that the work is scientific in nature and requires a strong background in Mathematics and Science.

After successfully completing the second year, a diploma in technology is issued, but in order to qualify for the designation of Registered Technologist the student must spend one year in a hospital approved as a training establishment by the Canadian Medical Association and then write the Examination of the Canadian Society of Laboratory Technologists.

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

THE COURSES

YEAR I

SEMESTER 1

Fundamentals of Chemistry I	CHEM 101-3
Effective Communication I	ENGL 151-3 (or 101-3)
Introductory Calculus	MATH 101-3
General Physics	PHYS 105-3
Biology I	BIO 103-3
Medical Lab Orientation I	MLT 151-3

SEMESTER 2

Fundamentals of Chemistry II	CHEM 102-3
Effective Communication II	ENGL 152-3 (or 102-3)
Calculus and Linear Algebra	MATH 102-3
General Physics II	PHYS 106-3
Biology II	BIO 104-3
Medical Lab Orientation II	MLT 152-3

SPECIAL SEMESTER (MAY 1 ~ JUNE 14)

Data Processing Fundamentals	EDP 151-3
Introduction to Statistics	MATH 155-3
Human Relations	PSYC 153-3

YEAR 2 – B.C.I.T.

**ARTS AND SCIENCE
DIVISION PROGRAMS**

**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, 102-3, 103-3. Six semester hours of lab science (Biology, Chemistry, Physics, Geology, Geography*) 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. 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. 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. 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. 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. (Courses in Art, Music, Theatre are recommended). 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. P.E. majors must take Bio. 150 at University of Victoria, not Bio. at C.N.C. TOTAL 30 SEMESTER HOURS OF CREDIT.
Simon Fraser University	English 101-3 and 102-3. Twenty-four semester hours of electives. Consult S.F.U. calendar for requirements. TOTAL 30 SEMESTER HOURS OF 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. TOTAL 30 SEMESTER HOURS OF CREDIT.

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

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 OF 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 <i>or</i> 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 <i>or</i> 103-3 and 104-3; Physics 101-3 and 102-3 <i>or</i> 105-3 and 106-3; Biology 101-3 and 102-3 <i>or</i> 103-3 and 104-3 <i>or</i> 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 <i>or</i> 103-3 and 104-3; Physics 101-3 and 102-3 <i>or</i> 105-3 and 106-3; Biology 101-3 and 102-3 <i>or</i> 103-3 and 104-3 <i>or</i> 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 <i>or</i> 103-3 and 104-3; Chemistry 101-3 and 102-3 <i>or</i> 103-3 and 104-3; Physics 103-3 and 104-3 <i>or</i> 105-3 and 106-3; Mathematics 101-3 and 102-3. (Either English <i>or</i> 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 <i>or</i> 103-3 and 104-3; Physics 101-3 and 102-3 <i>or</i> 105-3 and 106-3. Six semester hours of electives.
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 <i>or</i> 103-3 and 104-3; Chemistry 101-3 and 102-3 <i>or</i> 103-3 and 104-3; Math 101-3 and 102-3; Physics 101-3 and 102-3 <i>or</i> 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 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 <i>or</i> 103-3 and 104-3; Physics 101-3 and 102-3 <i>or</i> 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 101-3 and 102-3 <i>or</i> 105-3 and 106-3 <i>or</i> Biology 101-3 and 102-3; Six semester hours of non-science electives.
Physical Education	<p>OPTION A – NON-SCIENCE</p> <p>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)</p> <p>OPTION B. – SCIENCE</p> <p>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 101-3 and 102-3 <i>or</i> 105-3 and 106-3 <i>or</i> Psychology 101-3 and 102-3; Chemistry 101-3 and 102-3 or 103-3 and 104-3.</p>
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 is a program similar to the Arts I program at the University of British Columbia, and is organized in a manner very different from traditional courses. Instead of studying, isolated subjects such as English, Philosophy and History, students and instructors study books related to some major problems of basic human concern. The program is a non disciplinary discussion of books and is not limited by the demands of a particular specialized subject.

Instructors and students 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.



**VOCATIONAL
DIVISION**

Admission

Fees

Academic Information

ADMISSION REQUIREMENTS:

In general, an applicant for admission to a program in the vocational division must:

- a) be 16 years of age (some programs have a higher minimum age)
- b) have completed at least grade 10 or the equivalent, or for certain courses must have completed grade 12 or equivalent, or be over 19 years of age 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 the College program for which they are applying.
- c) possess an interest in and aptitude for the vocation.

Students should note that employers tend to give preference when hiring to applicants with grade twelve graduation.

VOCATIONAL PROGRAM	RECOMMENDED SECONDARY SCHOOL COURSES
AUTOMOTIVE MECHANICAL REPAIR	Grade 12 graduation preferred, Grade 10 minimum. Industrial courses preferred.
COMMERCIAL PROGRAMS	Grade 12 graduation preferred. Grade 10 minimum.
DENTAL ASSISTANT	Grade 12. Biology 11 recommended.
GENERAL DRAFTING	Grade 12. Preference is given to those with Drafting 11 and 12.
HEAVY DUTY MECHANICS	Grade 12 preferred with industrial courses, Grade 10 is minimum.
PRACTICAL NURSING	Grade 12. Biology 11 recommended. Candy Striper or other hospital experience an asset.
SMALL ENGINE REPAIR	Grade 12 with industrial courses preferred. Grade 10 minimum.
WELDING	Grade 12 with industrial courses. Grade 10 minimum.

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 15 for programs commencing in September. Applications for programs starting at other times should be received 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 programs offered in the Vocational Division. 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

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.

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 Vocational Division.

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 will not be released until the student has completed the withdrawal form.



**VOCATIONAL DIVISION
PROGRAMS AND
COURSES**

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 fluid 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:

- August
- January

LENGTH OF COURSE:

5½ 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

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 vocational division programs.

There are three main areas of study:

Communicative English, Applied Mathematics, and Basic Science.

The program offers training to three levels;

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

REQUIREMENTS FOR ADMISSION

- Education There is no prescribed minimum educational prerequisite.
- General Applicants, for enrolment in this program, must have been away from the public school system for a period of at least one year. They must be 17 years of age or over and willing to put forth great effort to acquire a suitable standing in Mathematics, Science and English.

COMMENCEMENT DATES: — Monthly as space permits.

LENGTH OF COURSE: — Varies to suit individual needs.

COLLEGE CREDIT: — This program carries no credit towards 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 full-time 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 the chart on page 75.

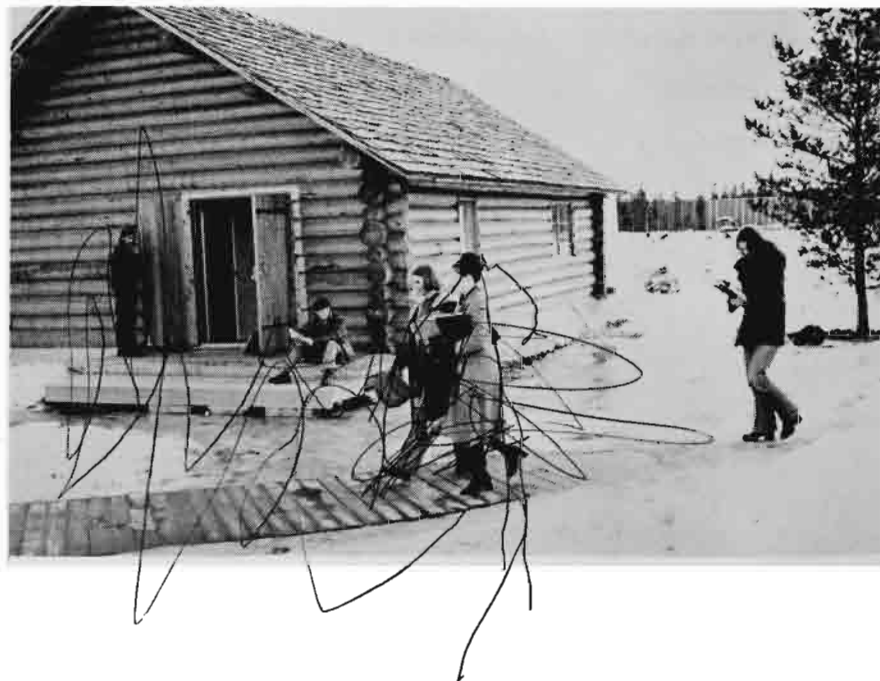
ADMISSION REQUIREMENTS:

Grade 12 graduation. Mature students will be admitted with less than grade 12.
Recommended Secondary School courses : Typing 11.

LENGTH OF PROGRAMS; Variable, up to 10 months.

COMMENCEMENT DATES: Every second month, commencing in April.

COLLEGE CREDIT: 15 semester hours of credit are awarded for each 4 months of study, other time periods of study are pro-rated for credit purposes.



COURSES	CERTIFICATES				
	CLERICAL SKILLS	STENOGRAPHY	SECRETARIAL SKILLS	JUNIOR BOOKKEEPING	INTERMEDIATE BOOKKEEPING
Typing	40 W.P.M.	50 W.P.M.	55 W.P.M.	30 W.P.M.	30 W.P.M.
Dictaphone		X	X	OPTION	OPTION
Shorthand		80 W.P.M.	100 W.P.M.		
English	X	X	X	X	X
Filing	X	X	X	X	X
Office Procedures	X	X	X	X	X
Business Arithmetic	X	X	X	X	X
Business Machines	X	X	X	X	X
Posting Machines				OPTION	X
Accounting Machines				OPTION	OPTION
Basic Bookkeeping	X	X	X	X	X
Junior Bookkeeping				X	X
Intermediate Bookkeeping					X
Accounting					X
Commercial Law					X
Report Writing					X
Business Mathematics					X
Data					X
Key Punch	OPTION			OPTION	OPTION

76 VOCATIONAL DIVISION PROGRAMS

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 may find a satisfying and rewarding 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 programme.

REQUIREMENTS FOR ADMISSION:

Education..... Grade 12; Biology 11 and Chemistry 11 preferred.
General..... Dental Office experience would be an advantage.

COMMENCEMENT DATES: — September

LENGTH OF COURSE: — 10 months

COLLEGE CREDIT: — 38 Semester hours

EXPENSES: — Text Books, uniforms shoes & supplies approx. \$100.





GENERAL DRAFTING

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

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 draftsman. 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 eyesight 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: — 38 Semester hours

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 people 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:

- September — last week
- April — first week

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

The potential need for trained operators of heavy equipment has been established through a vast development program of British Columbia's natural resources, and a program of redevelopment of urban areas.

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 pre-requisite. 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 21 years of age, physically suitable and able to adapt to rugged working conditions. Persons with some previous industrial experience are preferred.

COMMENCEMENT DATES: — Variable — contact the Student Services Office for specific dates.

LENGTH OF COURSE: — 16 weeks

COLLEGE CREDIT: — 15 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:

- Wood Safety
- Workmen's Compensation Regulations
- Identification and Sorting of Wood Species
- Fire Protection and Suppression
- Operation and Maintenance of —
 - Power Saws
 - Skidders
 - Frontend 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 12 graduation (note also general admission requirements for mature students, page 68. : Biology 11 and Child Care 12 recommended.
- 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 their medical examination and 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: — 38 Semester hours

DRESS:

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

SMALL ENGINE REPAIR

This program teaches the mechanical knowledge required, and the techniques employed, to repair small air 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, troubleshooting 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 some 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, eyes 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 DATE: — September

LENGTH OF COURSE: — 10 months

COLLEGE CREDIT: — 38 Semester hours

DRESS: — The student must supply — helmet, goggles, gloves and welder's jacket (approximately \$50).

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.

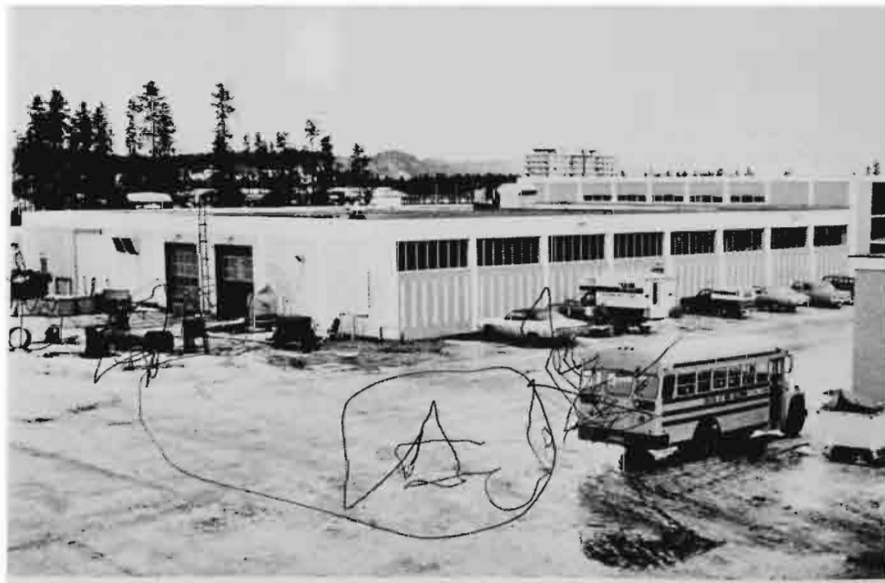
Persons requiring Provincial Government Certification are required to apply to the Welding Inspector, Department of Public Works, for assessment of their credentials. The Inspector may stipulate a certain length of time for instruction before taking the test. The testing appointment will be arranged 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.



**GENERAL STUDIES
AND
SPECIAL INTEREST
PROGRAMS**

GENERAL STUDIES

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 three divisions if they so wish.

Some students may wish to select a combination of Career 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 division program by enrolling in courses in either of the other two divisions offered at convenient times with a view to completing a College diploma through evening classes once they have completed the Vocational division program.

Each course in the Arts and Science and Career division is assigned a specific number of semester hours of credit, and each program in the Vocational division 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 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.



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
Law Enforcement and Community Relations	CRIM 155-3
Organization of Police and Correctional Services	CRIM 153-3
Psychology (introductory)	PSYC 151-3
Sociology	SOC 151-3
Psychology of Abnormal Behaviour	PSYC 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

NOTE: For specific course descriptions see pages 103 to 118.

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.

REQUIRED COURSES:

Completion of a Commercial Certificate Program.

REQUIRED COURSES:

Data Processing Fundamentals	EDP 151-3
Business Organization	BUS 103-3 or 153-3
Accounting I	BUS 101-3 or 151-3
Financial Management I	BUS 257-3
Financial Management II	BUS 258-3

Students are also recommended to include the following courses in their program:

Business 255-3, Economics 101-3 and 102-3 English 101-3 or 102-3 or 103-3 or 151-3 and 152-3 Students interested in the more theoretical and quantitative aspects of business should also include Economics 201-3 and 202-3 and Math 207-3. Students interested in human behaviour should select courses in psychology.

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.

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 151-3
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 52.

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 requirements.

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 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



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, and 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.

The program is organized at three levels. Level one is the logging school which commences on August 1, 1973, and terminates September 14. Level two will involve three months of intensive classroom instruction which will begin Sept. 17, 1973, and terminate December 21. Level three will include on-the-job training either as observers or as temporary

Entrance requirements: Grade 12 preferred, grade 10 minimum. Each student will, however, be judged on his own merits if he does not meet these requirements. Mature students 20 years or over with some experience may be accepted on the basis of their work experience.

Students may be exempted from taking a level if they have completed this level previously or have equivalent work experience.

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

LEVEL I

Basic Logging School	FOR 189-3
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LEVEL II

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 Manufacture	FOR 185-3
Veneer, Plywood & Specialty Products	FOR 186-3
Fire Protection	FOR 187-3

LEVEL III

Industrial Experience	FOR 188-3
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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.

GENERAL STUDIES DIPLOMA

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 and completion of 12 semester hours of credit in Business or EDP courses.
- Automotive Mechanical Repair (pre-app.)
 - Heavy Duty Mechanics (pre-app.)
 - Heavy Equipment Operating
 - Small Engine Repair

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.



ARTS AND SCIENCE DIVISION SPECIAL PROGRAMS

The following programs have been designed primarily for people working in the community who wish to make creative use of their leisure time. A person will take courses of interest which are related to the general theme of his program and over a period of years will work toward a certificate or diploma in the program.

Hopefully a few courses in each program will be offered each semester. The actual courses given will depend upon the resources available at the time. If interest is shown in courses of a particular nature, attempts will be made to develop such courses.

There are no prerequisites for these programs, anyone interested may enrol. Rather than using the normal grading system, instructors will generally assess students on a credit or no-credit basis. Credit will normally be granted for attendance and participation in the course.

A C.N.C. certificate in these programs will be awarded upon completion of 30 semester hours credit, a diploma upon completion of 60 semester hours credit.

ENVIRONMENTAL STUDIES

OPTIONAL COURSES:

(any combination of these courses, along with others to be offered in the future, may be taken to lead to a certificate or diploma).

ANTH	161-3	The Native People of B.C.
BIO	161-3	Introductory Biology
BIO	162-3	The Fauna of North Central B.C.
BIO	163-3	The Flora of North Central B.C.
ENGL	163-3	Readings in Natural Science I
GEOG	161-3	The Geography of the Central Interior
GEOL	171-3	Prospecting I
GEOL	201-2*	Environmental Geology
HIST	161-3	A History of the Central Interior

NOTE: Some of these courses may be given in the summer, and involve extensive field trips throughout the region.

HUMAN RELATIONS

OPTIONAL COURSES:

(any combination of these courses, along with others to be offered in the future, may be taken to lead to a certificate or diploma).

BIO	171-3	Contemporary Health Issues
ENGL	171-3	Discussion and Debate
PSYC	151-3	General Psychology I
PSYC	152-3	General Psychology II
PSYC	205-3*	Developmental Psychology I
PSYC	206-3*	Developmental Psychology II
SOC	161-3	An Introduction to Sociology
SOC	162-3	The Sociology of Communications
SOC	163-3	Women in Society

CREATIVE WRITING AND JOURNALISM**REQUIRED COURSES:**

ENGL	101-3*	Literature and Composition I
ENGL	102-3*	Literature and Composition II
ENGL	161-3	An Introduction to Writing Style
ENGL	163-3	Journalism I
ENGL	164-3	Journalism II
ENGL	165-3	Printing I
ENGL	205-3*	Creative Writing I
ENGL	206-3*	Creative Writing II

OPTIONAL COURSES:

ART	101-3*	Fundamentals of Design I
ART	102-3*	Fundamentals of Design II
ENGL	201-3*	English Literature 1350–1688
ENGL	202-3*	English Literature 1688–1900
ENGL	203-3*	Canadian Literature I
ENGL	204-3*	Canadian Literature II

FINE ARTS**REQUIRED COURSES, CERTIFICATE PROGRAM:**

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
ART	163-3	Introduction to Ceramics I
ART	164-3	Introduction to Ceramics II
ART	165-3	Studio Drawing
ART	166-3	Anatomy
ART	167-3	Painting
ART	169-3	Graphics

REQUIRED COURSES, DIPLOMA PROGRAM:

(in addition to the Certificate courses)

ART	261-3	Advanced Design I
ART	262-3	Advanced Design II
ART	263-3	Advanced Ceramics I
ART	264-3	Advanced Ceramics II
ART	267-3	Advanced Painting I
ART	268-3	Advanced Painting II
ART	269-3	Advanced Graphics I
ART	270-3	Advanced Graphics II
ART	271-3	Independent Study I
ART	272-3	Independent Study II

* University Transfer Courses

**COURSE DESCRIPTION
ARTS AND SCIENCE
AND
CAREER DIVISION**

96 COURSE DESCRIPTION

STANDARD COURSE ABBREVIATION

Anthropology	ANTH
Art	ART
Biology	BIO
Business	BUS
Chemistry	CHEM
Classics	CLAS
Construction	CONS
Criminology	CRIM
Data Processing	EDP
Early Childhood Education	ECE
Economics	ECON
English	ENGL
Forestry	FOR
French	FREN
Geography	GEOG
Geology	GEOL
History	HIST
Humanities Program	HUM
Mathematics	MATH
Medical Laboratory Technology	MLT
Music	MUS
Philosophy	PHIL
Physics	PHYS
Political Science	POSC
Psychology	PSYC
Sociology	SOC
Spanish	SPAN
Surveying	SURV
Technology	TECH
Theatre	THT
Zoology	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 Arts and Science courses should check the transfer guide to ensure courses they are taking at CNC 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 indicates 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 course are available at the Student Services Office.

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

A comparative study of cultural institutions and cultural behaviour, including such topics as social structure, folklore, language, art, religion, economics, marriage and family, and politics. (3,1)

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

An introductory survey of physical anthropology and archaeology, including such topics as origins of man and culture, nature of race, and development of culture. (3,1)

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 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 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 courses or the equivalent.

Prerequisite: Art 102-3 (0,6)

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- ART 262-3 ADVANCED DESIGN II** (S)
 A continuation of Art 261-3.
 Prerequisite: Art 261-3 (0,6)
- 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 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.
 Prerequisite: Any first year Biology course. (3,0)
- 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: Any first year Biology course. (3,0)
- 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. (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. (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 other functional areas. All material is integrated with case studies. (2,3)

- 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 Bus. 151 or an equivalent course. (2,3)
- 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 to 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 161-3 MUNICIPAL LAW**
 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 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. (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 Accounting I. (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.
 Prerequisite: Business 151-3, Business 152-3 (2,2)

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- BUS 254-3 COST ACCOUNTING II (S)**
A continuation of Bus. 253, this course is concerned with standard costing including the setting of cost standard and the analysis of variances. It would be preferable for a student to have taken Bus. 253-3. (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, direction, and controlling. The application of concepts is emphasised 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 with the objective of measuring performance and assisting management decision-making, some of the topics discussed are ratio analysis, budgeting, break-even analysis.
Prerequisite: Second year standing. (3,0)
- BUS 258-3 FINANCIAL MANAGEMENT II (S)**
A review of techniques to control cash, accounts receivable, and inventory levels. Sources of short-term and long-term funds 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.
Prerequisite: Second year standing. (3,0)
- BUS 259-3 INTRODUCTION TO 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 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.
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.
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)
- CHEM 101-3 FUNDAMENTALS OF CHEMISTRY I** (F)
 Introduction to quantum theory, and its applications to bonding and molecular structure, followed by a quantitative discussion of equilibria and ionic solutions. For students with at least 'C' level standing in Chemistry 12.
 Prerequisite: Chemistry 12. (3,3)
- CHEM 102-3 FUNDAMENTALS OF CHEMISTRY II** (S)
 Continuation of Chem. 101. Topics include kinetics, electrochemistry and basic thermodynamics, and an introduction to organic chemistry.
 Prerequisites: Chemistry 101-3 or Chemistry 103-3 with 'A' or 'B' standing. (3,3)
- CHEM 103-3 INTRODUCTORY CHEMISTRY I** (F)
 Introduction to chemistry for those without Chemistry 12. Topics are stoichiometry, periodic table, quantum theory of bonding, molecular structure and an introduction to organic and biochemistry. (3,3)
- CHEM 104-3 INTRODUCTION TO CHEMISTRY II** (S)
 Basic thermodynamics, electrochemistry and equilibrium calculations are introduced, followed by a continuation of organic chemistry introduced in Chemistry 103.
 Prerequisite: Chemistry 101-3, or 103-3 or permission of the instructor. (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 102-3 or Chemistry 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.
 Prerequisite: 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)
- CLAS 101-3 GREEK LITERATURE IN TRANSLATION** (F)
 A study of some of the major works in classical Greek drama, epic history and philosophy. (3,0)
- CLAS 102-3 LATIN LITERATURE IN TRANSLATION** (S)
 A study of some of the major works of classical Latin poetry, history, drama, and philosophy. (3,0)

102 COURSE DESCRIPTION

- 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 253-3 CONSTRUCTION MANAGEMENT & SCHEDULING I**
This course will cover the basic business and management theory, and the practical aspects of construction scheduling, in such a way as to provide the contractor or construction project supervisor with a good grounding in construction management.
- CONS 254-3 CONSTRUCTION MANAGEMENT II**
Based on managerial principles examined in Construction Management and Scheduling, the student will analyze how to improve efficiency and profits through planning and controlling operations and using good communicating practices.
Some aspects of business included: company policies and standard procedures, field and office supervision, cost control tools, cost performance analysis, contractor's responsibility to owners, architects, engineers and trades.
- CONS 255-3 CONSTRUCTION MANAGEMENT III**
An examination of how a construction manager uses a multiplicity of skills and knowledge in personnel and contract management. Emphasis placed on personnel selection, wage scales, training, etc.
- 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 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 problem. (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 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)
- 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.
- 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.
- 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.
- 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.
- 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: Early Childhood Education 151-3, 154-3. (3,0)
- ECE 154-3 PHILOSOPHY OF EARLY CHILDHOOD EDUCATION** (F)
 This course emphasize 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 165-6 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)

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- 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. (0,12)
- 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 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 CHILDREN'S LITERATURE (F)**
A review of the history of literature for children and a look at the vast amount of material available for use with young children today. (2,0)
- ECE 263-3 CREATIVE ARTS WORKSHOP (F)**
A workshop designed to give the student a feeling for planning experiences for the young child in the areas of the arts and music. (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 behaviour of young children and ways of dealing with their behaviour. 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. (0,12)
- ECE 292-6 PRACTICUM III (S)**
Practical experience of working with young children under the guidance of qualified supervisors. 180 hours. (0,12)

- 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 (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. (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 "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)
- EDP 151-3 DATA PROCESSING FUNDAMENTALS (F)**
 This course introduces the student to data processing. It starts with an 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, flow-charting, 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)

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- EDP 156-2 FORTRAM FOR TECHNICIANS II** (S)
A continuation of EDP 155-1. (1,1)
- EDP 161-3 DATA PROCESSING AND SYSTEMS AND PROCEDURES**
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 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)
Two of the most commonly used computer languages are RPG (Report Generating Language) and Cobol (Common Business-Oriented Language) which are both learned by writing several small programs. (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 CASE STUDIES** (S)
Actual companies and organizations using computers are evaluated for the effectiveness of their computer installation and specific applications. Emphasis is given to profitable computer usage and some of the pitfalls to avoid.
Prerequisite: EDP 151-3 and 152-3. (1,2)
- 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 COMMUNICATION**
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 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)

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- 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)
- 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 151-3 FOREST SCIENCE I (F)**
Forest science is the study of botany and in particular dendrology, history and practices in logging, the geography of B.C. and sawmilling. The emphasis of this first semester course is on understanding the technical terminology and broad concepts in forestry. (3,5)
- FOR 152-3 FOREST SCIENCE II (S)**
This course emphasizes the study of wood, its characteristics, properties and uses in paper manufacture, plywood, particle boards and laminated members. The sciences of forest soils, ecology and plant associations are reviewed.
Prerequisite: Forestry 151-3. (3,5)
- 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 behaviour 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. Slashburning, 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 pre-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 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 FORESTRY DRAFTING I (F)**
Basic drafting and lettering skills, free hand drawing, orthographic projection and topographic mapping. (0,2)
- FOR 174-2 FOREST DRAFTING II (S)**
Topographic mapping, and logging layout plotting. Prerequisite: Forestry 173-1 (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)

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- 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 (F)**
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 199-3 FIELD STUDIES**
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**
Similar to For. 150-3, but for students commencing second year, and at an accordingly more advanced level, including supervision of For. 150-3 students.
- FOR 251-3 FOREST MANAGEMENT I (F)**
This course is designed to provide the basic concepts and skills pertaining to the peculiarities of managing the forest resource in British Columbia. Topics include history of forest development in B.C., forest tenures and administration of timberlands, utilization standards, forest inventory, sustained yield and allowable cut calculations, and stumpage appraisal. The structure and responsibilities of the B.C. Forest Service and Canadian Forestry Service, and of a typical integrated forest complex will be included. The Forest Act will also be covered, along with Workmen's Compensation Safety regulations.
Prerequisite: Forestry 152-3. (2,2)
- FOR 252-3 FOREST MANAGEMENT II (S)**
The emphasis 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. (2,2)
- 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)**
 This course concentrates on forest diseases, covering causes of disease, development of infectious disease, 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.
 Prerequisite: 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. Practical experience in the use of 35 mm cameras for aerial forest surveys.
 Prerequisite: Forestry 152-3. (0,3)
- 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 and capital 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 layout with special emphasis on road profiles, road curves and drainage problems as applied to both the coastal and interior areas of B.C. (3,3)
 Prerequisites: Forestry 162-3 and 152-3.
- 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.
 Prerequisites: Forestry 285-3. (3,3)

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- 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.
Prerequisites: Forestry 287-3. (2,2)
- FOR 299-3 ADVANCED LOGGING**
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.
- FREN 101-3 INTERMEDIATE COLLEGE FRENCH I** (F)
Grammar and syntax are systematically 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 II. (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)
- 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 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)
- GEOL 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, earthquakes 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)
- GEOL 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.
Prerequisite: Geology 101-3. (3,3)
- GEOL 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)
- HIST 101-3 20TH CENTURY WORLD HISTORY TO 1929** (F)
The history of the twentieth century from the origins of World War One to the Great Depression in 1929. (3,0)

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- HIST 102-3 WORLD HISTORY SINCE 1929** (S)
Major emphasis is placed on factors affecting world stability, trade and peace. (3,0)
- HIST 103-3 HISTORY OF CANADA TO 1841** (F)
This course will subject major political, economic and social forces in Canada to various points of view in an attempt to shed light on two major themes: French English relations and the search for responsible government. (3,0)
- HIST 104-3 HISTORY OF CANADA FROM 1841 TO THE PRESENT** (S)
This course will concentrate on two major themes: the evolution of Canada into a Sovereign nation and national unity. (3,0)
- HIST 201-3 19TH CENTURY EUROPEAN THOUGHT** (F)
A study of the major political philosophies affecting nineteenth century Europe. This is to be interwoven with a history of the events which gave those ideas their currency. Prerequisite: History 12 or any college history course. (3,0)
- HIST 202-3 20TH CENTURY EUROPEAN THOUGHT** (S)
A study of the major European developments of the century together with political and philosophical thought which reflected those developments. Prerequisite: History 12 or equivalent. (3,0)
- HUM 101-9 HUMANITIES I** (F)
A non-disciplinary program of liberal education. See page 65 for further information. (9,3)
- HUM 102-9 HUMANITIES I** (S)
A continuation of HUM 101-9. (9,3)
- MATH 101-3 INTRODUCTORY CALCULUS** (F)
An introduction to the concepts, techniques and applications of differential and integral calculus. Prerequisite: Math 12. (4,0)
- MATH 102-3 CALCULUS AND LINEAR ALGEBRA** (S)
This course is a continuation of Math. 101-3 with an introduction to Linear Algebra. The concepts of area and work will be generalized with the use of integral calculus. Prerequisite: Math. 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 is 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 into the mathematics of finance and investment. Topics include: simple interest, discount, compound interest, annuities, amortization, sinking funds depreciation, valuations of investment, present value. (3,0)
- MATH 155-3 INTRODUCTION TO STATISTICS** (F)(S)
Descriptive statistics, elementary probability theory, statistical inference and the practical application of these topics are emphasized. (3,0)
- MATH 201-3 ANALYSIS AND CALCULUS** (F)
The concepts of induction, infimum, supremum, limits and continuity are introduced and examined. The techniques are applied to examples in physics, chemistry and economics.
Prerequisite: Math 102-3. (3,0)
- MATH 202-3 CALCULUS OF SEVERAL VARIABLES** (S)
A continuation of Math 201-3. Fundamental properties of multiple integrals are introduced and applications to area, volume, mass, etc., are given.
Prerequisite: Math 201-3. (3,0)
- 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.
Prerequisite: Mathematics 207-3. (3,1)
- MATH 251-3 TECHNICAL MATHEMATICS II** (F)
A continuation of Math. 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: Math. 151-3.
- 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)
- 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. (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. (3,1)

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- PHIL 101-3 MORAL PHILOSOPHY (F)**
The student is introduced to philosophical analysis by investigating the nature of morality. Some topics are: ethical egoism, ethical relativism, utilitarianism, Hedonism, Platonic idealism, pragmatism, emotive theory of ethics, existentialist ethics and questions such as "What do disagreements in ethics mean?" "Can there be any objective basis for moral judgment?" (3,0)
- PHIL 102-3 THEORY OF KNOWLEDGE (S)**
The student develops analytic techniques by investigating whether there is or can be indubitable knowledge. Topics include: rationalism idealism, acquaintance, description, analyticity, tautology, the priori, necessity, syntheticity, the posteriori, contingency truth, skepticism, Cartesian doubt, verifiability, logical possibility, and questions such as: "How do we know?" "What do we know?" "Can we ever know anything?" (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)
- PHYS 101-3 INTRODUCTORY PHYSICS I (S)**
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)**
Similar to Physics 101-3 but with more emphasis on applications.
Prerequisite: Mathematics 11 or permission of instructor. (3,3)
- PHYS 106-3 GENERAL PHYSICS II (S)**
A continuation of Physics 105-3. Similar in content to Physics 102-3 but with more emphasis on applications.
Prerequisite: Physics 105-3 or Physics 101-3. (3,3)
- PHYS 151-3 TECHNICAL PHYSICS I (F)**
Examples relevant to career programs form the basis for assignments. Laboratory experiments and demonstrations are part of the course.
Prerequisite: Physics 11. (3,3)
- PHYS 152-3 TECHNICAL PHYSICS (S)**
A continuation of Physics 151-3.
Prerequisite: Physics 151-3. (3,3)
- PHYS 201-3 THERMODYNAMICS (F)**
The topics studied include temperature and temperature effects, heat, specific heats, heat conduction, work, the first law of thermodynamics, the kinetic theory of gases, cyclic processes, the second law of thermodynamics, entropy and disorder.
Prerequisite: Physics 104-3. (3,0)

- PHYS 202-3 ELECTRICITY** (S)
The topics studied are electrical units, Kirchhoff's rules for resistive circuits, equivalent circuits, alternating current and power factors, resistors, capacitors, and inductors in transient and alternating current circuits.
Prerequisite: Physics 201-3. (3,0)
- PHYS 203-2 GENERAL LAB** (S)
A series of experiments designed to demonstrate concepts of mechanical, electrical, thermal and modern physics. Experiments include the use and design of meters, L.C.R. circuits, temperature measurement, and the determination of a radio-active half-life. One experiment is designed by the student.
Prerequisite: Physics 201-3. (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)
- POSC 101-3 THE GOVERNMENT OF CANADA** (F)
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 governments; the legislative, executive, and judicial aspects of government; federalism. (3,0)
- POSC 102-3 CONTEMPORARY IDEOLOGIES** (S)
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)
- 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)

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- 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 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.
Prerequisite: Psychology 101-3 and 102-3. (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 BEHAVIOR 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 the course and pertinent research is discussed.
Prerequisite: Psychology 101-3 and 102-3. (3,0)
- PSYC 204-3 DYNAMICS OF BEHAVIOR 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 DEVELOPMENT 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 251-3 PSYCHOLOGY OF ABNORMAL BEHAVIOR**
To 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 the observed behaviours.

- PSYC 253-3 PRINCIPLES OF SUPERVISION (S)**
Supervision from the perspective of the principles involved and the ethical nature of their application examined both from the position of the supervised person and the supervisor.
(3,0)
- 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 Soc. 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 151-3 GENERAL SOCIOLOGY (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 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)
- 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 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)
- 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)

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- TECH 154-3 DRAFTING AND INTERPRETATION** (S)
A continuation of the Drafting techniques introduced in Tech. 153-3 with added work on interpretation of various types of construction plans, schedules and specifications. Emphasis shall be on interpretation.
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)
- THT 101-3 INTRODUCTION TO THEATRE I** (F)
An introduction to four historical styles (classical, medieval, renaissance, and neo-classical) and the fundamentals of theatrical criticism. Recommended for prospective teachers. (3,2)
- THT 102-3 INTRODUCTION TO THEATRE II** (S)
The emergence of modern theatre; the theatre as a collaborative art: the director, actor, and designer. (3,2)
- THT 121-3 INTRODUCTION TO ACTING I** (F)
The student concentrates on theory, speech and movement in preparation for second semester acting assignments. Recommended for prospective teachers. (2,3)
- THT 122-3 INTRODUCTION TO ACTING II** (S)
A major production is performed. All students participate at the level of their competence. Prerequisite: Theatre 121-3. (1,5)
- THT 231-3 FILM APPRECIATION** (F)
Hollywood: major genres (western, gangster, musical, etc.); an introduction to film form and cinematic techniques; major projects illustrating the impact of Hollywood on our culture. (3,2)
- THT 232-3 FILM APPRECIATION II** (S)
Primarily a lab course following the theoretical background introduced in Theatre 231, emphasis will be placed on the principles and practical techniques of film editing. Lab projects will include practice in film composition, cutting, sound and animation. Prerequisite: Theatre 231-3. (1,3)
- THT 241-3 STAGE PRODUCTION I** (F)
Stage-craft and scenery construction, lighting fundamentals, costumes and makeup. Practical participation in productions. (1,4)
- THT 242-3 STAGE PRODUCTION II** (S)
Stage crew and management, basic stages and lighting design. Practical participation in productions. (1,4)
- 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)
- (3,3)
(3,3)

FACULTY



FACULTY JANUARY 1973

L. Anderson		General Welding
L. Backman		Dental Assistant
M. Baehr		Commercial General
P.G. Bauslaugh	B. Sc., Ph.D.	Dean of Arts and Science Division
J. Benson	B.A., C.A.	Accounting
P.A. Blanchard	R.N.	Practical Nursing
W. Blits		Small Engine Repair
G. Capan	A.A.	Drafting General
M. Chiba	R.N.	Practical Nursing
M.M. Cliffe	B.Sc.	B.T.S.D. Upgrading
P. Coutts	B.Ed.	B.T.S.D. Upgrading
J.P. Crow	B.Sc., Ph.D.	Chemistry
A. Danesh	B.A., M.A.	Political Science/History
D. Davis (part-time)		Hunting & Fishing Guide Upgrading
K. Dawson		Welding
A.W. Dayle		Dean of Vocational Division
J. Dean (part-time)		Carpentry Upgrade-T.Q.
A.T. Deas	B.Sc., M.Sc.	Physics
R.G.B. Dickens	B.S.F. R.P.F.	Forestry
B.L. Dickerson (part-time)	B.Sc., M.A.	Psychology
G. Dowden	M.A.	English
R.O. Dunsmore	B.S.F., R.P.F.	Forestry
E.L. Faulkner	B.S.C., M.Sc., Ph.D.	Physics/Geology
M. Foote	B.Ed., M.A.	Counsellor
B. Fraser (part-time)		Trail Cooking
O. Gagne		Heavy Equipment Operating
F.C. Gelin	B.A., M.A., Ph.D.	Psychology
G.G. Girvan	B.A., M.A.	French, Spanish
R. Green	B. Comm., C.A.	Commercial Bookkeeping
D. Greenberg (part-time)	B.A.	Early Childhood Education
G.P. Gunn	B.A., M.A., Ph.D.	Economics
J.D. Harris	B.A., M.A.	English
J. Harrison (part-time)	B.A., M.A.	Psychology
F.R. Hayes (part-time)	B.A., B.Ed., M.A.	Political Science
P. Heide		Heavy Equipment Operating
D. Hopp	B.Sc., M.Sc., Ph.D.	Biology
V.K.H. Hopp	B.Sc., M.A.	Early Childhood Education
D.R. Hudson	B.A., M.A.	Anthropology/Sociology
B.E. Husband	B.Com., B.L.Sc., M.B.A.	Librarian
G.M. Ingalls	B.A.	Philosophy
R.B. Insley	B.Sc., M.Sc.	
D.A. James	B.Ed.	Counsellor
C.H. Jarosch	B.S.A.	Biology
M.N. Johnson	V.S.A. (dip), B.Ed., M.A.	Art
I. Johnston	B.Sc., B.A., M.A.	English
D.F. Kos (part-time)	B.Sc., M.A.	English
A.L. Leveridge	Dip. Tech., C.I.M., C.D.P.	Dean of Careers Division
D.H. Lindstrom (part-time)	B.A., M.A.	Music
J.T. McDonald	B.S., M.A.	Psychology
L. Mackenzie (part-time)	B.A.	History
B.B. McKinnon	B.A., M.A.	English
J.A. McVey	M.A., M.A.	Geography

A. Mackie			Logging
R.G. Maida	(part-time)	B.A., M.S.	Psychology
J. Maisonneuve		R.N.	Practical Nursing
R. Martin			General Welding
R. Miller		B.Sc.	Data Processing
M. Moore Stevens			Commercial Programs
R.H. Nelson		B.Sc., M.Sc., Ph.D.	Physics/Mathematics
N. Paulson	(part-time)		Carpentry Upgrade - Practical
G.J. Powers			Automotive Mechanics
I. Reaugh			Logging
E. Ritch		B.Sc.	B.T.S.D. Upgrading
P. Robinson		B.Com., M.B.A.	Business Administration
D.O. Rubadeau		B.A., M.Sc., Ph.D.	Psychology
R. Rubadeau		B.A., M.A.	Psychology
W. Rush		B.Sc.	B.T.S.D. Upgrading
P. Sahlin			Secretarial Advanced Options
B. Savage			Dental Assisting
R.W. Scales		B.A., M.Ed.	Dean of Students and Registrar
J.K. Sedgwick		B.A., M.A.	Geography
P. Seens		B.A., M.A., M.L.Sc.	Assistant Librarian
L. Sexsmith			Welding
J. Sketchley			Heavy Duty Mechanics
F.J. Speckeen		B.A., B.D., Ph.D.	Principal
T. Stageberg	(part-time)	M.Ed.	Study Skills
S. Stefanson			Logging
J. Stephensen	(part-time)		Upgrade Welding
R. Terlesky		B.A.	B.T.S.D.
R.C. Watters		B.Sc., P. Eng., R.P.F.	Forestry
R. Welch	(part-time)	M.Ed.	Sociology
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